Environment Canada Environnement Canada
0021947C VOL ISS 1983 1984
EXC # 001
WATER SURVEY OF CANADA. SURFACE WAT
ER DATA: BRITISH COLUMBIA = DONNEES
OOFF

Surface Water Data

British Columbia

Donnees sur les eaux de surface

Colombie-Britannique

1983

85-0069/

Metric Commission Canada has granted use of the National Symbol for Metric Conversion. The metric usage in this text has been reviewed by the Metric Screening Office of the Canadian General Standards Board.

La Commission du système métrique Canada a autorisé l'utilisation du symbole national de conversion au système métrique. Le Service du contrôle métrique de l'Office des normes générales du Canada a revisé l'utilisation du système métrique dans cette publication.

Environment Canada Environnement Canada

Surface Water Data
British Columbia

Données sur les eaux de surface
Colombie-Britannique

1983

INLAND WATERS DIRECTORATE
WATER RESOURCES BRANCH
WATER SURVEY OF CANADA
OTTAWA, CANADA, 1984

DIRECTION GÉNÉRALE DES EAUX INTÉRIEURES
DIRECTION DES RESSOURCES EN EAU
DIVISION DES RELEVÉS HYDROLOGIQUES DU CANADA
OTTAWA, CANADA, 1984

© Minister of Supply and Services Canada 1984

Cat. No. En 36-407/1983

ISBN 0-662-53154-X

PREFACE

This publication was prepared by personnel of the Water Survey of Canada Division under the direction of the Director, Water Resources Branch, Department of the Environment, Ottawa.

The basic data were collected and compiled under the supervision of the Regional Chief of the Water Resources Branch at Vancouver, British Columbia.

The co-operation received from provincial agencies and from other organizations is gratefully acknowledged.

PRÉFACE

La Division des relevés hydrologiques du Canada, sous l'autorité du Directeur des ressources en eau du ministère de l'Environnement (Ottawa), a préparé la présente publication.

On a recueilli et compilé les données de base sous la supervision du Chef régional de la Direction des ressources en eau, à Vancouver (Colombie-Britannique).

On remercie vivement les organismes provinciaux, ou autres, pour la coopération qu'ils ont apportée.

CONTENTS

	PAGE
Preface	iii
Introduction	iv
Organization and History of Hydrometric Survey Operations	iv
Co-operation and Acknowledgments	v
Conversion Factors	vi
Definition of Terms and Abbreviations	vii
Publication of Surface Water and Sediment Data	vii
Method of Tabulation of Surface Water Data	ix
Revisions	xi
Accuracy of Hydrometric Data	xii
Microfiche	xii
Surface Water Data, Gauging Stations in Alphabetical Order	1
Index of Gauging Stations	327

TABLE DES MATIÈRES

	PAGE
Préface	iii
Introduction	iv
Organisation et historique des relevés hydrométriques	iv
Coopération et remerciements	v
Facteurs de conversion	vi
Définitions des termes et abréviations	vii
Publication des données sur les eaux de surface et les sédiments	vii
Présentation sous forme de tableaux des données sur les eaux de surface	ix
Révisions	xi
Exactitude des données hydrométriques	xii
Microfiche	xii
Données sur les eaux de surface – Stations de jaugeage énumérées dans l'ordre alphabétique	1
Index des stations de jaugeage	327

INTRODUCTION

The Water Resources Branch of the Department of the Environment herein presents for the 1983 calendar year, the results of the hydrometric survey investigations which were made in British Columbia by the Water Survey of Canada.

Details on individual stations and related records, as well as recent data which have not yet been published, may be obtained upon application to:

Regional Chief,
Water Resources Branch,
Department of the Environment,
Room 502,
1001 W. Pender Street,
Vancouver, British Columbia.
V6E 2M9

or to the Director, Water Resources Branch, Department of the Environment, Ottawa, Ontario, K1A 0E7.

INTRODUCTION

La Direction des ressources en eau du ministère de l'Environnement présente, pour l'année civile 1983, les résultats des relevés hydrométriques que la Division des relevés hydrologiques du Canada a effectués en Colombie-Britannique.

En s'adressant aux endroits ci-après, on peut obtenir des renseignements supplémentaires sur certaines stations particulières et divers relevés, ainsi que des données récentes non encore publiées:

Chef régional
Direction des ressources en eau
Ministère de l'Environnement
502–1001, rue Pender ouest
Vancouver (Colombie-Britannique)
V6E 2M9

ou au Directeur, Direction des ressources en eau, ministère de l'Environnement, Ottawa (Ontario), K1A 0E7.

ORGANIZATION AND HISTORY OF HYDROMETRIC SURVEY OPERATIONS

During 1983, the hydrometric surveys in British Columbia were conducted by the Water Survey of Canada under agreement with the Province of British Columbia. The provincial authorities contributed to the cost of the basic field investigations which were carried out in accordance with mutually agreed-upon plans.

ORGANISATION ET HISTORIQUE DES RELEVÉS HYDROMÉTRIQUES

En 1983, la Division des relevés hydrologiques du Canada a effectué des relevés hydrométriques en Colombie-Britannique en vertu de l'accord conclu avec les autorités provinciales, qui ont contribué au coût des recherches de base réalisées sur le terrain, après entente mutuelle sur leur programme.

In British Columbia, stream-measurement work was commenced in 1911 by the Railway Belt Hydrographic Survey of the Department of the Interior, primarily for irrigation-supply purposes under grants administered by the federal government. In 1913, administration of these grants passed to the control of the Province, but, by agreement with the Water Rights Branch, the hydrometric survey was continued by the Dominion Water Power Branch and extended to include the remainder of the Province.

Although the agreement signed in 1913 was terminated March 31, 1933, work was continued by the federal government under letter arrangement until 1975. A co-operative agreement, (with an implementation date of April 1, 1975), was signed with the Government of British Columbia on March 14, 1975. The agreement provides that water quantity surveys will be continued by the federal government on a shared cost basis.

CO—OPERATION AND ACKNOWLEDGMENTS

Co-operative undertakings with other agencies form an important part of the activities of the Water Survey of Canada. Close co-operation has been maintained with public agencies and private organizations concerned with water resources. Runoff and other data have been mutually exchanged and stream-gauging operations have been facilitated by the assistance received from a number of organizations.

On waters adjacent to the International Boundary, certain gauging stations are maintained by Canada (or the United States) under agreement with the United States (or Canada) and the records are collected and compiled in a manner equally acceptable to both countries. These stations are designated as "International Gauging Stations" in this publication.

For the valuable assistance and co-operation received in obtaining hydrometric survey records, the Water Survey of Canada is indebted to the following organizations:

Provincial – British Columbia Hydro and Power Authority;
Ministry of Environment.

Private – Aluminum Company of Canada Limited;
West Kootenay Power and Light Company Limited.

C'est en 1911 que le *Railway Belt Hydrographic Survey* du ministère de l'Intérieur a entrepris, à des fins d'irrigation et d'approvisionnement en eau et grâce aux subventions administrées par le gouvernement fédéral, les premiers relevés dans cette province. En 1913, l'administration des subventions est devenue la responsabilité des autorités provinciales, mais, par un accord conclu avec la Direction des permis d'utilisation des eaux, la Direction fédérale de l'énergie hydraulique a assumé la responsabilité des observations hydrométriques et le champ des relevés s'est élargi pour englober toute la Colombie-Britannique.

L'accord de 1913 a pris fin le 31 mars 1933, mais en vertu d'une lettre d'entente, le gouvernement fédéral a continué d'exécuter les observations hydrométriques jusqu'en 1975. Le 14 mars 1975, le gouvernement de la Colombie-Britannique a signé un nouvel accord, qui est entré en vigueur le 1er avril 1975, renfermant des dispositions grâce auxquelles le gouvernement fédéral s'occupera du programme de relevés hydrométriques et partagera le coût des mesures avec la province.

COOPÉRATION ET REMERCIEMENTS

Le travail entrepris en coopération avec d'autres organismes représente une partie importante des activités de la Division des relevés hydrologiques du Canada. On a maintenu une étroite collaboration avec les organismes, publics ou privés, qui s'intéressent aux ressources en eau. On a échangé des données portant sur l'écoulement ou sur d'autres points, et l'assistance fournie par beaucoup d'organismes a facilité les opérations de jaugeage.

Pour ce qui est des eaux adjacentes à la frontière internationale, certaines stations de jaugeage dépendent du Canada (ou des États-Unis) suite à un accord avec les États-Unis (ou le Canada), et les relevés sont faits et compilés de façon à satisfaire les deux pays. Ces stations sont nommées «Stations internationales de jaugeage».

La Division des relevés hydrologiques du Canada est redevable aux organismes suivants de l'aide et de la collaboration précieuses qu'ils lui ont apportées lors de la prise des relevés hydrométriques:

Niveau provincial – Hydro-Colombie-Britannique,
Ministère de l'Environnement.

Secteur privé – Aluminium du Canada Limitée,
West Kootenay Power and Light Company Limited.

CONVERSION FACTORS

The following list of convenient equivalents of measure gives the relationship between imperial units and the International System of Units (SI).

1 inch equals 2.54 cm (centimetres)
1 foot equals 0.3048 m (metre)
1 statute mile equals 1.6093 km (kilometres)

1 cm (centimetre) equals 0.393 70 inch
1 m (metre) equals 3.2808 feet
1 km (kilometre) equals 0.621 37 mile

1 acre equals 43 560 square feet
1 acre equals 0.404 69 ha (hectare)
1 square mile equals 640 acres
1 square mile equals 2.5900 km^2 (square kilometres)
1 square mile equals 259.0 ha (hectares)

1 ha (hectare) equals 10 000 m^2 (square metres)
1 ha (hectare) equals 2.4710 acres
1 km^2 (square kilometre) equals 0.386 10 square mile

1 cubic foot equals 6.2288 imperial gallons
1 imperial gallon equals 4.546 09 L (litres)
1 imperial gallon equals 1.2010 U.S. gallons
1 U.S. gallon equals 0.133 68 cubic foot
1 cubic foot equals 0.028 317 m^3 (cubic metre)
1 m^3 (cubic metre) equals 35.315 cubic feet

1 cubic foot per second for one day equals 1.9835 acre-feet
1 cubic foot per second for one day covers one square mile to a depth of 0.037 19 inch
1 acre-foot equals 1.2335 dam^3 (cubic decametres)
1 m^3/s (cubic metre per second) for one day equals 86.4 dam^3 (cubic decametre)
1 m^3/s (cubic metre per second) for one day covers one square kilometre to a depth of 0.0864 m (metre)

1 foot per second equals 0.6818 mile per hour
1 mile per hour equals 1.467 feet per second
1 m/s (metre per second) equals 3.6 km/h (kilometre per hour)
1 km/h (kilometre per hour) equals 0.2778 m/s (metre per second)

1 cubic foot per second equals 0.028 317 m^3/s (cubic metre per second)
1 m^3/s (cubic metre per second) equals 35.315 cubic feet per second

1 pound equals 0.453 59 kg (kilogram)
1 kg (kilogram) equals 2.2046 pounds

1 short ton (2000 pounds) equals 0.907 18 t (tonne)
1 t (tonne) equals 2204.6 pounds

degrees Celsius = 5/9 (degrees Fahrenheit – 32)
degrees Fahrenheit = 9/5 (degrees Celsius) + 32

FACTEURS DE CONVERSION

Voici une liste des unités de mesure impériales et leurs équivalences dans le Système international d'unités (SI).

1 pouce vaut 2.54 cm (centimètres)
1 pied vaut 0.3048 m (mètre)
1 mille terrestre équivaut à 1.6093 km (kilomètre)

1 cm (centimètre) équivaut à 0.393 70 pouce
1 m (mètre) équivaut à 3.2808 pieds
1 km (kilomètre) équivaut à 0.621 37 mille

1 acre vaut 43 560 pieds carrés
1 acre équivaut à 0.404 69 ha (hectare)
1 mille carré vaut 640 acres
1 mille carré équivaut à 2.5900 km^2 (kilomètres carrés)
1 mille carré équivaut à 259.0 ha (hectare)

1 ha (hectare) vaut 10 000 m^2 (mètres carrés)
1 ha (hectare) équivaut à 2.4710 acres
1 km^2 (kilomètre carré) équivaut à 0.386 10 mille carré

1 pied cube équivaut à 6.2288 gallons impérials
1 gallon impérial vaut 4.546 09 L (litres)
1 gallon impérial équivaut à 1.2010 gallon américain
1 gallon américain équivaut à 0.133 68 pied cube
1 pied cube vaut 0.028 317 m^3 (mètre cube)
1 m^3 (mètre cube) vaut 35.315 pieds cubes

1 pied cube par seconde pendant un jour équivaut à 1.9835 acre-pied
1 pied cube par seconde pendant un jour équivaut à un volume d'un mille carré par 0.037 19 pouce
1 acre-pied équivaut à 1.2335 dam^3 (décamètres cubes)
1 m^3/s (mètre cube par seconde) pour un jour vaut 86.4 dam^3 (décamètre cube)
1 m^3/s (mètre cube par seconde) pour un jour couvre un kilomètre carré à une profondeur de 0.0864 m (mètre)

1 pied par seconde équivaut à 0.6818 mille par heure
1 mille par heure équivaut à 1.467 pied par seconde
1 m/s (mètre par seconde) vaut 3.6 km/h (kilomètre par heure)
1 km/h (kilomètre par heure) vaut 0.2778 m/s (mètre par seconde)

1 pied cube par seconde équivaut à 0.028 317 m^3/s (mètre cube par seconde)
1 m^3/s (mètre cube par seconde) équivaut à 35.315 pieds cubes par seconde

1 livre équivaut à 0.453 59 kg (kilogramme)
1 kg (kilogramme) équivaut à 2.2046 livres

1 tonne courte (2000 livres) équivaut à 0.907 18 t (tonne)
1 t (tonne) équivaut à 2204.6 livres

degrés Celsius = 5/9 (degrés Fahrenheit – 32)
degrés Fahrenheit = 9/5 (degrés Celsius) + 32

DEFINITION OF TERMS AND ABBREVIATIONS

"Control" is the condition downstream from a gauging station that determines the stage-discharge relationship. It may be a stretch of rapids, a weir or other artificial structure. In the absence of such features, the control may be a less obvious condition such as a convergence of the channel or even simply the resistance to flow through a downstream reach. A shifting control exists where the stage-discharge relationship tends to change because of impermanent bed or banks.

"Cubic metres per second" (m^3/s) is a unit expressing rate of discharge. One cubic metre per second is equal to one cubic metre of water flowing past a particular point in one second. This is the basic unit in general use, other units being computed from it by the use of factors as given in the previous paragraph under "Conversion Factors".

"Gauging station" is a location where systematic records of stage or stage and discharge are obtained.

"Miscellaneous (or related) data" is all data not published in the regular series of hydrometric and sediment data publications such as unpublished water levels and the various parameters that are measured in obtaining discharge measurements, e.g. water depth, velocity, width, air and water temperatures, ice thickness. This also includes discharge measurements and water level and sediment observations obtained at locations which are not regular gauging stations. Various types of "derived" data could also be considered "miscellaneous", such as water levels and discharges at selected time intervals (usually hourly).

"Stage-discharge relationship" is the relation between the water level and the discharge at a gauging station.

PUBLICATION OF SURFACE WATER AND SEDIMENT DATA

Surface Water Data have been published in a variety of formats in imperial units since 1908 in approximately 270 publications which are now mostly out-of-print. Commencing with the 1979 publications, data are presented in the International System of Units (SI). However, the format has remained the same wherein Canada is divided into eight regions. The provinces each represent a separate region except for New Brunswick, Newfoundland, Nova Scotia and Prince Edward Island which together form the Atlantic Provinces region, and the Yukon and Northwest Territories which make up another. The publications are identified by the province(s) or territories covered and the year in which data were collected. These data are published annually on a calendar-year basis and the stations are listed alphabetically, with two years of data per page.

DÉFINITIONS DES TERMES ET ABRÉVIATIONS

«Élément régulateur» – élément qui conditionne l'écoulement en aval d'une station de jaugeage et qui détermine la relation hauteur-débit au niveau de la station. Ce peut être une série de rapides, un déversoir ou toute autre structure artificielle. En l'absence de ces structures, l'élément régulateur peut provenir d'une condition moins apparente comme le rétrécissement d'un chenal ou simplement la résistance à l'écoulement d'un tronçon situé en aval. Il y a élément régulateur changeant quand la relation hauteur-débit tend à être modifiée par un lit ou des rives instables.

«Mètres cubes par seconde» (m^3/s) – unité du taux d'écoulement. Un mètre cube par seconde équivaut à un mètre cube d'eau s'écoulant en un point donné en une seconde. C'est l'unité de base généralement employée, les autres unités dérivées à partir de celle-ci sont données sous la rubrique «Facteurs de conversion».

«Station de jaugeage» – lieu où l'on effectue des relevés systématiques de la hauteur ou de la hauteur et du débit de l'eau.

«Les données diverses (ou connexes)» – représentent toutes les données qui ne sont pas publiées dans les séries régulières des publications sur les données hydrométriques et les sédiments, par exemple celles des niveaux des eaux et des autres paramètres qui sont mesurés en même temps que le débit, soit la profondeur de l'eau, sa vitesse, son étendue, la température de l'eau et de l'air, l'épaisseur de la glace. Les mesures de débit ainsi que les observations sur les niveaux des eaux et les sédiments, obtenues à des emplacements autres que les stations régulières de jaugeage, sont aussi incluses. D'autres types de données «dérivées» pourraient aussi être classés dans cette catégorie de données «diverses», à savoir les niveaux des eaux et les débits observés à des intervalles de temps précis (en général, toutes les heures).

«Relation hauteur-débit» – relation qui existe entre la hauteur et le débit au niveau d'une station de jaugeage.

PUBLICATION DES DONNÉES SUR LES EAUX DE SURFACE ET LES SÉDIMENTS

Depuis 1908, les *Données sur les eaux de surface* ont été publiées, en utilisant diverses formules et en ayant recours au système d'unités impériales, dans quelque 270 publications lesquelles sont pour la plupart épuisées. À partir de 1979, les données sont fournies dans le Système international d'unités (SI). Toutefois, la présentation est toujours la même, c'est-à-dire que le Canada est divisé en huit régions. Chaque province représente une région distincte sauf le Nouveau-Brunswick, la Terre-Neuve, la Nouvelle-Écosse et l'Île-du-Prince-Édouard qui constituent la région des provinces de l'Atlantique, comme c'est le cas aussi pour le Yukon et les Territoires du Nord-Ouest qui sont réunis en une seule région. Les publications sont identifiées par le nom des provinces ou territoires concernés et par l'année de la cueillette des données. Les données sont publiées annuellement, en fonction de l'année civile, et les stations sont classées par ordre alphabétique, chaque page de données couvrant deux années.

The first edition of a *Surface Water Data Reference Index* was published for data to 1966 by province or region. Subsequent editions were published annually or biennially in one publication for Canada. Commencing with the 1979 publication, data are presented in the International System of Units (SI) and future editions will be published biennially. Gauging stations are listed by province or territory, in upstream to downstream order. Coloured maps showing the locations of both active and the discontinued stations were included in the first and second editions and were provided in a separate Hydrometric Map Supplement to the 1972 and the 1977 editions. The latest editions of the Reference Index and the Hydrometric Map Supplement supersede all previous editions.

The first edition of a publication series titled *Historical Streamflow Summary* was produced for data to 1970. Subsequent editions have been published every three years. This publication series contains a summary of historical monthly and annual mean discharges and annual extremes for the entire period of record for all stations where streamflow data have been collected during the history of the Water Survey of Canada. Data are published by province or region, as for the annual Surface Water Data publications. Commencing with the 1979 publications, data are presented in the International System of Units (SI). Editions subsequent to 1982 will be published every two years. The latest edition supersedes all previous editions since it contains any corrections or additions since the last publication.

The first edition of a publication series titled *Historical Water Levels Summary* was produced for data to 1976. This publication series contains a summary of historical monthly and annual mean water levels and annual extremes for the period of record for all stations on lakes or reservoirs where water level data have been collected during the hirtory of the Water Survey of Canada. It also contains a summary of water level data for all stations on rivers where "water levels only" were collected or for certain stations on rivers where streamflow data are collected, but the historical water level information is considered to be of sufficient demand to warrant inclusion in the publication (daily water levels for stations where streamflow data are collected are not normally published in the annual Surface Water Data publications). Data are published by province or region, as for the annual Surface Water Data publications. Commencing with the 1979 publications, data are presented in the International System of Units (SI). The 1983 edition will be the last hard copy edition; subsequent editions will be published every two years on microfiche only. The latest edition supersedes all previous editions since it contains any corrections or additions since the last publication.

During the years 1948-1960, some sediment data were collected for several prairie rivers to meet the demands of particular projects and the results included in the 1961 publication. All subsequent editions titled *Sediment Data Canadian Rivers* were published annually, the same as for the Surface Water Data publications but in one volume. Commencing with the 1978 publication, data are presented entirely in the International System of Units (SI) and will continue to be published on an annual basis.

La première édition de l'*Index de référence des données sur les eaux de surface* comprenait les données disponibles jusqu'en 1966, de chaque province ou région. Les éditions subséquentes étaient publiées annuellement ou tous les deux ans en une seule publication pour tout le Canada. À partir de 1979, les données sont fournies dans le Système international d'unités (SI) et les éditions subséquentes vont paraître tous les deux ans. Les stations de jaugeage sont présentées par province ou territoire et placées dans l'ordre de leur position, d'amont en aval. Des cartes en couleurs, qui indiquent l'emplacement des stations hydrométriques en service, y compris celles qui ne le sont plus, ont paru dans les première et deuxième éditions ainsi que dans le *Supplément de cartes hydrométriques* de 1972 et de 1977. L'édition la plus récente de l'*Index de référence* et celle du *Supplément de cartes hydrométriques* annulent les éditions antérieures.

La première édition d'une série de publications intitulée *Sommaire chronologique de l'écoulement* renfermait les données disponibles jusqu'en 1970. Les éditions subséquentes étaient publiées tous les trois ans. Cette série de publications renferme un résumé des moyennes mensuelles et annuelles des débits ainsi que les débits extrêmes annuels pour toute la période d'enregistrement et pour toutes les stations où des données de débit sont recueillies par la Division des relevés hydrologiques du Canada. Les données sont publiées par province ou région, comme c'est le cas pour les publications annuelles des données sur les eaux de surface. À partir de 1979, les données sont fournies dans le Système international d'unités (SI). Les éditions subséquentes à 1982 vont paraître tous les deux ans. L'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour depuis la dernière parution.

La première édition d'une série de publications intitulée *Sommaire chronologique des niveaux d'eau* comprenait les données disponibles jusqu'en 1976. Cette série de publications contient un résumé des niveaux moyens mensuels et annuels ainsi que des niveaux extrêmes annuels pour la période d'enregistrement pour toutes les stations de lacs ou de réservoirs où des données sur les niveaux d'eau sont recueillies par la Division des relevés hydrologiques du Canada. Elle renferme également un résumé des niveaux d'eau pour toutes les stations de rivières effectuant «uniquement» des relevés de niveaux d'eau ou pour certaines stations de rivières où des données de débit sont recueillies de même que des données sur les niveaux d'eau qui peuvent répondre aux besoins des utilisateurs (en général, les niveaux d'eau quotidiens de stations effectuant des relevés de débit ne sont pas publiées dans les publications annuelles des données sur les eaux de surface). Les données sont publiées par province ou région, comme c'est le cas pour les publications annuelles des données sur les eaux de surface. À partir de 1979, les données sont fournies dans le Système international d'unités (SI). L'édition de 1983 sera la dernière édition imprimé sur papier; les éditions suivantes seront disponibles tous les deux ans sur microfiche seulement. L'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour depuis la dernière parution.

De 1948 à 1960, certaines données sur les sédiments étaient recueillies de divers cours d'eau des Prairies afin de répondre aux besoins de projets particuliers et les résultats paraissaient dans l'édition de 1961. Toutes les éditions subséquentes intitulées *Données sur les sédiments de rivières canadiennes* étaient publiées annuellement, comme c'est le cas pour les données sur les eaux de surface, mais dans une seule tome. À partir de 1978, les données sont fournies dans le Système international d'unités (SI) et la publication va paraître chaque année.

The first edition of a *Sediment Data Reference Index* was published for data to 1972. It contains a tabulation of locations where sediment data in Canada were collected by the Water Survey of Canada. The index has been subdivided alphabetically by province or territory, with sediment survey stations listed alphabetically. Commencing with the 1978 publication, data are presented in the International System of Units (SI) and will continue to be published biennially. The latest edition supersedes all previous editions since it contains any corrections or additions since the last publication.

The first edition of a new publication series titled *Historical Sediment Data Summary for Canadian Rivers* was produced for data to 1974. This publication contains a summary of historical monthly and annual mean suspended sediment load, and annual extremes of daily suspended sediment concentration and loads and total annual suspended load. Commencing with the 1978 publication, data are presented entirely in the International System of Units (SI). Future editions will be published every five years. The latest edition supersedes all previous editions since it contains any corrections or additions since the last publication.

METHOD OF TABULATION OF SURFACE WATER DATA

For gauging stations where a systematic record of water level or discharge was obtained during the year under review, the following are given where available:

1. Table of daily water level or discharge;
2. Summary of monthly and annual data;
3. Descriptive information.

1. *The table of daily water level* or *discharge* gives the daily water level in metres or the daily discharge in cubic metres per second at the gauging station.

The following standard symbols are used opposite the daily stage or discharge to which they apply:

A – Manual Gauge – indicates that one or more manual gauge observations per day were obtained and used as the mean for the day for a gauging station equipped with a recording gauge. This symbol is used during open-water periods only.

B – Ice Conditions – indicates the presence of ice at the gauging station. For gauging stations where discharge data are obtained, this symbol indicates that the presence of ice has affected the stage-discharge relationship.

E – Estimated – indicates any estimated data. It indicates that the value was determined by some indirect method such as interpolation, extrapolation, estimation from a graph of observed readings, comparison with other streams or by comparison with meteorological data.

La première édition de l'*Index de référence des données sur les sédiments* renfermait les données disponibles jusqu'en 1972. Elle comprenait une mise en tableaux des emplacements où des données sur les sédiments sont recueillies au Canada par la Division des relevés hydrologiques. L'Index est subdivisé alphabétiquement par province ou territoire et les stations de relevés des sédiments sont classées en ordre alphabétique. À partir de 1978, les données sont fournies dans le Système international d'unités (SI) et sont publiées tous les deux ans. L'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour depuis la dernière parution.

La première édition d'une nouvelle série de publications intitulée *Sommaire chronologique des données sur les sédiments de rivières canadiennes* renfermait les données disponibles jusqu'en 1974. Cette série présente un résumé des moyennes mensuelles et annuelles de la charge de sédiments en suspension, des extrêmes annuels de la concentration quotidienne et de la charge quotidienne des sédiments en suspension, ainsi que de la charge totale annuelle des sédiments en suspension. À partir de 1978, les données sont fournies dans le Système international d'unités (SI). Les éditions subséquentes vont paraître tous les cinq ans. L'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour depuis la dernière parution.

PRÉSENTATION SOUS FORME DE TABLEAUX DES DONNÉES SUR LES EAUX DE SURFACE

Pour les stations de jaugeage où on a effectué, au cours de l'année étudiée, un relevé systématique du débit ou du niveau, les données suivantes sont présentées, pour autant qu'elles soient disponibles:

1. un tableau du niveau ou du débit quotidien;
2. un extrait des données mensuelles et annuelles;
3. des renseignements descriptifs.

1. *Le tableau du niveau* ou *du débit quotidien* donne la hauteur des eaux, en mètres ou le débit, en mètres cubes par seconde, mesuré à la station de jaugeage.

Les symboles normalisés donnés ci-après sont inscrits à côté des valeurs auxquelles ils se rapportent:

A – Jauge manuelle – indique qu'on a effectué à une station de jaugeage dotée d'une jauge enregistreuse au moins une observation par jour à l'aide d'une jauge manuelle et qu'on s'en est servi comme moyenne pour la journée en question. Le symbole n'est employé qu'au cours de périodes d'eau libre.

B – Glaces – indique la présence de glaces à la station de jaugeage, qui ont faussé la relation hauteur-débit.

E – Estimatives – indique une donnée estimative, c'est-à-dire qu'on a déterminé la valeur de façon indirecte, par exemple par interpolation, extrapolation, à l'aide de graphique, ou par comparaison avec d'autres cours d'eau ou avec des données météorologiques.

2. *A summary of monthly and annual data* is given below the table of daily data.

For stations where only water level data are obtained, both a monthly and annual summary are given.

The monthly summary gives:
(a) the mean water level in metres for complete months;
(b) the maximum and minimum daily water level in metres.

The summary for the year gives:
(a) the mean water level in metres for complete years;
(b) the maximum and minimum daily water levels and their dates of first occurrence where applicable;
(c) the maximum instantaneous water level and the time of occurrence where available.

For stations where discharge data are collected, both a monthly and annual summary are given:

The monthly summary gives:
(a) the total of the daily discharge values for complete months;
(b) the mean discharge in cubic metres per second;
(c) the total discharge in cubic decametres;
(d) the maximum and minimum daily discharges in cubic metres per second.

The summary for the year or period gives:
(a) the mean discharge in cubic metres per second;
(b) the total discharge in cubic decametres;
(c) the maximum and minimum daily discharges and their dates of first occurrence;
(d) the maximum instantaneous discharge and the time of occurrence, where available.

3. *The descriptive information* about the gauging station is also given below the table of daily data and will indicate the following where applicable:

International Gauging Stations — on waters adjacent to the international boundary, certain gauging stations have been designated as "International" and records are approved jointly. Differences between figures published herein and corresponding figures in United States Water Supply Papers are due to variations in automated data processing techniques.

Type of Gauge — refers to the installation or method used to obtain water level or discharge data:

(a) Manual — a non-recording type of gauge from which observations of stage normally are obtained once daily.
(b) Recording — a water-stage recorder from which continuous water levels are obtained on an analog chart. For most International Gauging Stations located in the United States, water level records are obtained utilizing a digital recorder.
(c) Power Plant Rating — this indicates that records were obtained using the latest available rating of the Power Plant.

2. *Un extrait des données mensuelles et annuelles* est donné au-dessous du tableau des données quotidiennes.

Les extraits mensuels et annuels sont présentés dans le cas des stations où on n'a mesuré que le niveau.

L'extrait mensuel donne:
(a) le niveau moyen en mètres pour le mois entier, et
(b) les niveaux quotidiens maximal et minimal en mètres.

L'extrait annuel donne:
(a) le niveau moyen en mètres pour l'année entière;
(b) les niveaux quotidiens maximal et minimal ainsi que les dates de leur première observation, s'il y a lieu, et
(c) le niveau maximal instantané et l'heure de l'observation, s'il y a lieu.

Les extraits mensuels et annuels sont présentés dans le cas des stations où on n'a mesuré que le débit.

L'extrait mensuel donne:
(a) le total des valeurs quotidiennes du débit pour le mois entier;
(b) le débit moyen en mètres cubes par seconde;
(c) le débit total en décamètres cubes, et
(d) les débits quotidiens maximal et minimal en mètres cubes par seconde.

L'extrait annuel ou périodique donne:
(a) le débit moyen en mètres cubes par seconde;
(b) le débit total en décamètres cubes;
(c) les débits quotidiens maximal et minimal ainsi que les dates de première observation, s'il y a lieu, et
(d) le débit maximal instantané et l'heure de l'observation, s'il y a lieu.

3. *Les renseignements descriptifs* sur les stations de jaugeage sont également présentés sous le tableau des données quotidiennes et apportent les précisions qui suivent, s'il y a lieu:

Stations internationales de jaugeage (International Gauging Stations) — Dans les eaux contiguës aux frontières, on a désigné certaines stations comme «internationales», et les données prélevées sont approuvées par les pays concernés. Les différences entre les chiffres publiés dans la présente publication et les *United States Water Supply Papers* proviennent de variantes dans les techniques de traitement automatique des données.

Type de jauge (Type of Gauge) — Il s'agit des jauges ou des méthodes de jaugeage utilisées pour obtenir les données sur le niveau et le débit d'un cours d'eau:

(a) Manuelle (Manual) — indique qu'un appareil non enregistreur sert à obtenir une fois par jour les données sur le niveau et le débit d'un cours d'eau.
(b) Enregistreuse (Recording) — indique qu'un limnigraphe permet de mesurer de façon continue le niveau des eaux tracé sur une carte analogique. La plupart des stations internationales de jaugeage des États-Unis obtiennent les données sur le niveau des eaux à l'aide d'un enregistreur numérique.
(c) Régime des stations hydrauliques (Power Plant Rating) — indique qu'on a obtenu les données grâce aux valeurs les plus récentes des régimes mesurés dans les stations hydrauliques.

Location – the latitude and longitude co-ordinates of the location of the gauge are given. For stations where the gauge is located an appreciable distance from the discharge measurement section, these co-ordinates give the location of the discharge measurement section.

Drainage Area – this is the latest available drainage area and refers to that area enclosed by a topographic divide such that direct surface runoff from precipitation would drain by gravity into the stream upstream from the location of the station. For a gauging station on a lake, this refers to the total drainage area at the outlet of the lake.

Contributed Data – if data were supplied in their entirety by an outside agency, the name of the co-operating agency is given.

Natural Flow or *Regulated* – where the flow is known to be natural, this is indicated. The flow of water in many river systems is affected by upstream regulation. In some cases, the extent of this regulation is not known and therefore is not indicated. However, where the regulation is known to be "appreciable", this is indicated as well as the year that the regulation began, if known.

Gauge Datum – for stations where only water level data are available, the name of the datum, to which water levels are referred, is given as well as an equation to convert to another datum if applicable. Detailed information on the description of the bench marks to which water levels are referred is available from the appropriate Regional Chief.

Remarks – unusual conditions which occur at a station are explained.

REVISIONS

A number of corrections or revisions have been made to previously published data. Many of these were required because of typographical or computational errors which were exposed when daily discharges were stored on magnetic tape and monthly means were re-calculated by computer. Other errors were discovered or different interpretations of basic data were made during the systematic review of historical streamflow data presently underway, for example, these revisions may have been justified because a more reliable stage-discharge relationship had been developed.

Revisions to daily discharges or daily water levels are not published at present. However, those stations where a systematic review has been conducted are identified in the Surface Water Data Reference Index publication. The Historical Streamflow Summary publications contain revisions to monthly and annual mean discharges, and annual extremes of discharge. The Historical Water Levels Summary publications contain revisions to monthly and annual mean water levels, and annual extremes of water level. Revisions, corrections or additions made to the discharges and water levels after January 1, 1980 are indicated by an "R" symbol in the summary publications. Detailed information on revisions to historical data is available from the appropriate Regional Chief.

Emplacement (Location) – La latitude et la longitude de la station de jaugeage sont indiquées. Dans les cas où l'équipement de mesure est situé à un endroit éloigné de la section où le jaugeage est effectué, on indique les coordonnées de cette section.

Superficie du bassin versant (Drainage Area) – Il s'agit de la superficie du bassin versant déterminée d'après les cartes les plus récentes et désigne la zone délimitée par une ligne de partage des eaux de sorte que l'écoulement d'averse est entraîné par gravité vers le cours d'eau en amont de la station. S'il s'agit d'une station située sur un lac, elle représente la superficie totale jusqu'à l'émissaire du lac.

Données fournies (Contributed Data) – Nom de l'organisme extérieur qui a fourni les données.

Débit naturel ou *régularisé* (Natural Flow or Regulated) – Un débit reconnu comme naturel est indiqué comme tel. Le débit de plusieurs réseaux hydrographiques est modifié par une régularisation qui est effectuée en amont. Il arrive parfois que l'importance de cette régularisation ne soit pas connue, et elle n'est donc pas indiquée. Cependant, quand on sait que la régularisation est d'une certaine importance, on l'indique ainsi que l'année où elle a débuté (si elle est connue).

Plan de référence des jauges (Gauge Datum) – Pour les stations dans lesquelles on ne mesure que le niveau de l'eau, on indique le plan de référence de la jauge en question et l'équation permettant, au besoin, de convertir ce plan en un autre plan. En s'adressant au chef régional concerné, on peut obtenir des renseignements plus précis au sujet des niveaux de référence auxquels correspondent les niveaux mesurés.

Remarques (Remarks) – Les conditions inhabituelles qui prévalent à une station sont expliquées.

RÉVISIONS

On a corrigé ou révisé beaucoup de données déjà publiées. Il a été nécessaire d'effectuer plusieurs corrections, car on a relevé des erreurs typographiques ou de calculs lorsqu'on a enregistré les débits quotidiens sur rubans magnétiques et qu'on a recalculé à l'aide d'ordinateurs les moyennes mensuelles. On a aussi relevé d'autres erreurs ou fait des interprétations différentes de données de base au cours de la révision rétrospective systématique des données de débit qu'on est à faire en ce moment. Ainsi, on peut justifier des corrections, par le fait qu'on ait trouvé une relation hauteur-débit plus sûre.

Les corrections apportées aux débits quotidiens ou aux niveaux d'eau quotidiens ne sont pas publiées, du moins pour le moment. Cependant, les stations où on a effectué une révision systématique sont identifiées dans l'*Index de référence des données sur les eaux de surface*. Les publications intitulées *Sommaire chronologique de l'écoulement* contiennent des données sur les moyennes mensuelles et annuelles des débits et sur les extrêmes annuels des débits qu'on a révisées. Les publications intitulées *Sommaire chronologique des niveaux d'eau* renferment les révisions apportées aux niveaux moyens mensuels et annuels ainsi que les extrêmes annuels. Les révisions et corrections apportées aux débits et aux niveaux d'eau après le 1er janvier 1980 sont accompagnées du symbole «R» dans les publications sommaires. On peut obtenir plus de détails sur les révisions en s'adressant au chef régional concerné.

ACCURACY OF HYDROMETRIC DATA

The overall accuracy or the degree of reliability of hydrometric data referred to herein, depends upon (1) the stability of the stage-discharge relationship; or if the control is unstable, the frequency of discharge measurements, and (2) the accuracy of observations of stage, measurements of discharge and interpretation of records. Because of all the variable factors mentioned above, the number of significant figures used herein has been standardized for uniformity of presentation and does not reflect the degree of accuracy of the data.

A measure of the reliability of the records can be made by an examination of the distribution of the symbols A, B and E.

In general, data collected during open-water periods are more reliable than those collected during periods of ice conditions or those obtained by estimation. Further, water level data collected utilizing a water-stage recorder are more reliable and accurate than those using a manual gauge only, especially for small or flashy streams.

MICROFICHE

All published daily discharge, water level and sediment data are available in metric units on microfiche, upon request. The data are stored in station number order by Region, therefore data for a particular province may include fiche from two or more Regions. There are 270 frames per microfiche at 48X reduction; there is a visible heading showing the fiche number, type of data, Region, beginning and ending station number and year of data, and the month/year the fiche was created. The last frame is an index of the contents of that fiche.

EXACTITUDE DES DONNÉES HYDROMÉTRIQUES

La précision totale ou le degré d'exactitude des données hydrométriques dont on parle ici sont basés sur (1) la stabilité de la relation hauteur-débit ou, si l'élément régulateur est changeant, sur la fréquence des mesures de débits, et (2) sur la précision des observations sur les niveaux, des mesures de débits et de l'interprétation des relevés. À cause de toutes les variables déjà mentionnées, on a normalisé pour des fins d'uniformité de présentation le nombre de chiffres significatifs, mais ceci ne réflète pas le degré d'exactitude des données.

L'exactitude des données peut être appréciée par l'examen de la répartition des symboles A, B et E.

En général, les données recueillies au cours des périodes d'eau libre sont plus sûres que celles qui sont obtenues au cours des périodes de glaces ou par estimation. De plus, les données sur le niveau des eaux qui sont mesurées à l'aide d'un limnigraphe sont plus certaines et plus exactes que celles qui sont mesurées à l'aide d'une jauge manuelle seulement, surtout dans le cas de petits cours d'eau ou de cours d'eau à crues très rapides.

MICROFICHE

Toutes les données publiées concernant les débits quotidiens, les niveaux d'eau et les sédiments sont disponibles sur microfiche en unités métriques aux usagers qui en font la demande. Ces données sont emmagasinées par ordre de numéro de station et par région. Les données relatives à une province en particulier peuvent donc inclure des fiches en provenance de deux régions ou plus. Chaque microfiche renferme 270 pages réduites de 48X. L'en-tête indique le numéro de la fiche, le genre de données, la région, le numéro de la première et de la dernière station, celui de la première et de la dernière année de cueillette ainsi que le mois et l'année de préparation de la fiche. La dernière image donne l'index du contenu de la fiche.

ABERDEEN LAKE AT THE OUTLET - STATION NO. 08LC043

DAILY WATER LEVEL IN METRES FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.051	3.337	3.048	3.305	---	---	---	---	---	3.505	3.658	3.658	1
2	---	---	---	---	---	---	---	5.105	---	---	---	---	2
3	---	---	---	---	4.267	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	5.080	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	4.188	---	---	---	6
7	---	---	---	---	---	5.005	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	5.005	---	---	---	---	9
10	---	---	---	---	4.877	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	5.087	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	3.708	---	---	---	13
14	---	---	---	---	---	5.018	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	5.029	---	---	---	---	16
17	---	---	---	---	5.842	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	5.057	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	3.378	---	---	---	20
21	---	---	---	---	---	5.031	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	4.877	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	---	---	---	---	5.039	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	3.200	---	---	---	27
28	---	---	---	---	---	5.093	---	---	---	---	---	---	28
29	---		---	---	---	---	---	---	---	---	---	---	29
30	---		---	---	---	---	---	4.572	---	---	---	---	30
31	---		---		---		---	---		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - MANUAL
LOCATION - LAT 50 08 17 N
LONG 119 04 23 W
DATA CONTRIBUTED BY -
BRITISH COLUMBIA MINISTRY OF ENVIRONMENT

REGULATED

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

ADAMS LAKE NEAR SQUILAX - STATION NO. 08LD003

DAILY WATER LEVEL IN METRES FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.638	1.513	1.542	1.850	2.584	3.689	3.497	3.023	2.543	2.219	1.957	2.098	1
2	1.633	1.514	1.563	1.885	2.690	3.754	3.491	3.393	2.545	2.204	1.891	2.093	2
3	1.626	1.521	1.588	1.873	2.628	3.788	3.484	3.386	2.552	2.185	2.023	2.080	3
4	1.612	1.511	1.588	1.884	2.671	3.822	3.499	3.368	2.581	2.188	2.042	2.085	4
5	1.603	1.488	1.588	1.893	2.709	3.818	3.510	3.389	2.587	2.148	2.057	2.053	5
6	1.602	1.488	1.571	1.886	2.742	3.805	3.501	3.388	2.588	2.135	2.071	2.038	6
7	1.604	1.480	1.582	1.887	2.758	3.787	3.492	3.231	2.587	2.107	2.085	2.018	7
8	1.618	1.471	1.595	1.919	2.848	3.770	3.480	3.201	2.592	2.085	2.098	2.012	8
9	1.606	1.488	1.602	1.938	2.888	3.760	3.478	3.158	2.577	2.072	2.104	2.002	9
10	1.613	1.488	1.609	1.960	2.913	3.738	3.478	3.131	2.562	2.054	2.109	1.992	10
11	1.616	1.480	1.622	1.950	2.928	3.729	3.474	3.101	2.555	2.037	2.111	1.985	11
12	1.607	1.484	1.640	1.956	2.934	3.723	3.518	3.075	2.547	2.020	2.111	1.967	12
13	1.603	1.488	1.655	1.958	2.941	3.692	3.548	2.990	2.522	2.000	2.110	1.955	13
14	1.599	1.488	1.678	1.959	2.948	3.683	3.804	3.043	2.509	1.978	2.103	1.946	14
15	1.593	1.488	1.884	1.958	2.954	3.617	3.892	3.019	2.490	1.961	2.103	1.936	15
16	1.590	1.488	1.718	1.950	2.950	3.696	3.843	2.989	2.470	1.952	2.112	1.929	16
17	1.584	1.473	1.728	1.967	2.979	3.687	3.950	3.062	2.455	1.941	2.123	1.912	17
18	1.571	1.463	1.748	1.971	3.002	3.587	3.918	2.934	2.456	1.926	2.135	1.892	18
19	1.583	1.483	1.780	1.977	3.025	3.829	3.872	2.886	2.446	1.913	2.148	1.874	19
20	1.580	1.482	1.768	1.982	3.044	3.641	3.816	2.863	2.422	1.907	2.157	1.856	20
21	1.585	1.485	1.775	2.029	3.068	3.683	3.784	2.830	2.404	1.899	2.157	1.831	21
22	1.585	1.483	1.780	2.051	3.078	3.648	3.780	2.779	2.381	1.895	2.160	1.823	22
23	1.585	1.478	1.785	2.122	3.107	3.617	3.764	2.763	2.388	1.894	2.154	1.802	23
24	1.538	1.478	1.784	2.188	3.147	3.602	3.850	2.718	2.363	1.894	2.153	1.777	24
25	1.533	1.488	1.783	2.257	3.183	3.691	3.830	2.681	2.328	1.887	2.153	1.758	25
26	1.528	1.488	1.788	2.332	3.254	3.679	3.889	2.868	2.308	1.891	2.152	1.748	26
27	1.523	1.514	1.807	2.387	3.311	3.648	3.869	2.838	2.302	1.882	2.148	1.742	27
28	1.523	1.533	1.810	2.442	3.371	3.605	3.887	2.803	2.278	1.887	2.141	1.728	28
29	1.532		1.819	2.480	3.430	3.478	3.827	2.880	2.282	1.902	2.125	1.730	29
30	1.524		1.832	2.518	3.510	3.481	3.884	2.878	2.241	1.908	2.113	1.732	30
31	1.520		1.843		3.597		3.457	2.880		1.932		1.718	31
MEAN	1.578	1.485	1.697	2.048	3.004	3.684	3.828	2.972	2.481	1.987	2.107	1.906	MEAN
MAX	1.638	1.532	1.843	2.518	3.597	3.822	3.950	3.423	2.537	2.219	2.180	2.098	MAX
MIN	1.520	1.488	1.542	1.850	2.584	3.478	3.457	2.880	2.241	1.891	1.857	1.718	MIN

SUMMARY FOR THE YEAR 1983

WATER LEVELS IN METRES

MEAN, 2.364
MAXIMUM DAILY, 3.950 ON JUL 17
MINIMUM DAILY, 1.488 ON FEB 11
MAXIMUM INSTANTANEOUS,
3.985 AT 03:51 PST ON JUL 17

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 57 14 N
LONG 119 40 26 W

NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

ADAMS RIVER NEAR SOUTLAX - STATION NO. 08LD001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	27.7	22.0	23.3	38.3	83.1	208	179	189	82.3	80.8	44.2	52.8	1
2	27.5	22.1	23.8	38.1	85.8	216	178	185	82.4	80.8	44.1	52.6	2
3	27.1	22.4	24.3	39.8	88.8	222	178	182	83.0	80.5	44.0	51.7	3
4	26.5	22.0	24.4	40.2	91.8	226	180	189	85.1	97.3	49.3	50.7	4
5	26.0	21.3	24.4	40.7	94.5	225	181	188	88.3	86.1	50.2	49.9	5
6	26.0	20.8	24.8	41.0	97 1	223	180	148	85.5	84.7	51.2	48.9	6
7	26.1	20.7	25.2	41.4	102	222	178	145	86.5	83.5	52.1	47.7	7
8	26.6	20.3	25.7	42 1	108	218	177	142	85.8	82.3	52.9	47.2	8
9	26.2	20.1	26.0	42.6	110	215	177	137	84.6	81.2	53.2	46.7	9
10	25.5	20.0	26.2	43.3	112	213	176	134	83.7	80.0	53.6	46.2	10
11	25.7	19.8	26.5	43.8	113	213	176	130	83.2	48.8	53.7	45.8	11
12	26.2	20.0	27.8	44.2	114	211	182	128	82.5	47.6	53.7	44.8	12
13	26.1	20.0	26.5	44.3	115	207	200	128	80.7	46.8	53.6	44.1	13
14	25.8	20.0	28.4	44.3	115	201	223	124	78.8	46.5	53.2	43.8	14
15	25.6	20.0	30.4	44.3	116	195	236	121	78.4	44.5	53.2	43.2	15
15	25.8	20.1	31.8	44.4	116	193	244	119	77.1	44.0	53.8	42.7	16
17	25.2	20.4	32.8	44.8	118	192	248	117	76.1	43.4	54.5	41.8	17
18	24.8	20.6	33.0	45.0	120	193	240	113	77.0	42.6	55.3	40.8	18
19	24.2	20.8	33.3	45.4	122	198	233	109	75.8	41.8	56.1	39.8	19
20	24.1	20.8	34.0	45.2	124	200	228	107	74.0	41.4	55.7	38.7	20
21	23.8	20.9	34.5	45.8	127	201	220	104	72.8	41.0	55.7	37.3	21
22	23.6	20.8	35.2	52.4	128	201	215	100	71.9	40.8	57.0	36.8	22
23	23.5	20.8	35.5	55.1	131	198	208	98.0	70.3	40.8	56.5	35.9	23
24	23.1	20.6	35.5	56.8	135	194	202	95.1	68.8	40.7	56.5	34.8	24
25	22.9	20.9	35.4	63.2	141	193	197	92.5	67.9	40.8	56.5	33.7	25
26	22.6	21.4	35.8	68.1	148	191	194	90.8	66.6	40.8	58.4	33.0	26
27	22.9	22.1	36.1	72.4	155	187	192	88.6	66.2	40.8	58.0	33.8	27
28	22.8	22.9	36.3	76.3	162	181	188	86.7	64.7	40.9	56.7	32.2	28
29	22.8		36.8	77.8	170	177	186	85.7	63.6	41.2	56.6	32.2	29
30	22.5		37.4	80.5	181	177	178	84.9	63.2	41.5	53.9	32.3	30
31	22.4		38.0		183		174	83.6		42.3		31.7	31
TOTAL	773.5	584.7	951.8	1 607.3	3 815.0	6 028	6 144	3 721.7	2 303.7	1 482.0	1 804.5	1 292.1	TOTAL
MEAN	25.0	20.9	30.7	50.2	123	203	198	120	76.8	48.8	53.5	41.7	MEAN
MAX	27.7	22.9	36.8	80.5	183	226	245	189	88.3	80.8	57.0	52.8	MAX
MIN	22.4	19.8	23.3	38.3	83.1	177	174	83.6	82.2	40.8	44.2	31.7	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 82.8
MAXIMUM DAILY, 245 ON JUL 17
MINIMUM DAILY, 19.8 ON FEB 11
MAXIMUM INSTANTANEOUS,
247 AT 03:51 PST ON JUL 17

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 55 42 N
LONG 119 39 25 W
DRAINAGE AREA, 3 080 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	68 800	JUL	531 000
FEB	50 500	AUG	322 000
MAR	82 200	SEP	199 000
APR	130 000	OCT	125 000
MAY	330 000	NOV	139 000
JUN	526 000	DEC	112 000

TOTAL DISCHARGE, 2 810 000 dam³

ADSETT CREEK AT KILOMETRE 388.0 ALASKA HIGHWAY - STATION NO. 10CD005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.0018	2.36	0.724	0.740	2.43	0.280	0.231	0.1708	0.0108	1
2	---	---	---	0.0018	1.87	0.664	0.632	1.85	0.261	0.461	0.1848	0.0088	2
3	---	---	---	0.0018	1.88	0.621	0.712	1.89	0.213	0.455	0.1588	0.0088	3
4	---	---	---	0.0018	1.80	0.577	0.677	1.50	0.214	0.472	0.1488	0.0088	4
5	---	---	---	0.0018	1.47	0.570	0.718	1.20	0.404	0.478	0.1388	0.0048	5
6	---	---	---	0.0018	1.37	0.578	0.683	0.953	0 858	0 488	0.1318	0.0028	6
7	---	---	---	0.0018	2.28	0.647	0.654	0.785	1 3	0.427	0.1188	0 8	7
8	---	---	---	0.0018	5.85	0.558	0.627	0.618	1 1	0.398	0.1178	0 8	8
9	---	---	---	0.0018	8.27	1.37	0.517	0.500	1 .	0.3788	0.1138	0 8	9
10	---	---	---	0.0018	5.85	2.21	0.418	0.421	1.3	0.3858	0.1088	0.0018	10
11	---	---	---	0.0018	5.18	7.50	0.341	0.385	1.04	0.3818	0.1078	0.0018	11
12	---	---	---	0.0018	3.84	7.02	0.288	0.348	0.837	0.3608	0.1008	0.0018	12
13	---	---	---	0.0018	2.70	4.26	0.248	0.293	0.706	0.3308	0.0888	0.0018	13
14	---	---	---	0.0018	2.26	2.91	0.214	0.239	0.616	0.3068	0.0808	0.0018	14
15	---	---	---	0.0018	2.18	2.20	0.205	0.214	0.543	0.2828	0.0808	0.0018	15
16	---	---	---	0.0018	2.28	1.76	0.188	0.201	0.488	0.2818	0.0718	0.0018	16
17	---	---	---	0 0028	2.11	1 48	0.208	0.512	0.486	0.2588	0.0708	0 8	17
18	---	---	---	0 0038	1 78	2.10	0.218	2.64	0.447	0.2608	0.0688	0 8	18
19	---	---	---	0.0048	1.54	14.3	0.248	1.80	0.379	0.2578	0.0638	0.0018	19
20	---	---	---	0.0078	1.62	14.3	0.438	1.72	0.353	0.2518	0.0638	0.0028	20
21	---	---	---	0.0138	1.83	7.88	0.748	1.38	0.328	0.2508	0.0428	0.0028	21
22	---	---	---	0.0228	1.30	5.04	1.48	1.02	0.296	0.2488	0.0288	0.0028	22
23	---	---	---	0.0358	1.13	3.81	2.48	0.823	0.272	0.2378	0.0288	0.0018	23
24	---	---	---	0.0808	1.08	2.80	1.61	0.683	0.244	0.2298	0.0258	0.0028	24
25	---	---	---	0.1708	1.03	2.04	1.13	0.834	0.223	0.2218	0.0338	0.0018	25
26	---	---	---	0.4008	0.924	1.85	1.00	0.438	0.227	0.2188	0.0328	0.0018	26
27	---	---	---	1.20 B	0.824	1.36	4.84	0.371	0.214	0.2158	0.0228	0.0018	27
28	---	---	---	2.50 B	0.787	1.12	3.88	0.314	0.1508	0.2118	0.0208	0.0018	28
29	---		---	3.06 A	0.606	0.855	3.58	0.278	0.1408	0.2008	0.0148	0 8	29
30	---		---	2.52	0.611	0.848	2.38	0.278	0.1328	0.1908	0.0118	0 8	30
31	---		---		0.778		2.00	0.243		0.1808		0.0018	31
TOTAL	---	---	---	10.032	87.810	93.192	34.809	28.908	15.818	8.421	2.388	0.081	TOTAL
MEAN	---	---	---	0.334	2.18	3.11	1.12	0.888	0.531	0.304	0.080	0.002	MEAN
MAX	---	---	---	3.08	8.27	14.3	4.84	2.64	1.82	0 474	0.170	0.010	MAX
MIN	---	---	---	0.001	0.778	0.647	0.188	0.201	0.140	0.180	0.011	0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 14.3 ON JUN 19
MINIMUM DAILY, 00 ON DEC 7
MAXIMUM INSTANTANEOUS,
19.0 AT 21:44 PST ON JUN 19

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 06 22 N
LONG 122 42 56 W
DRAINAGE AREA, 109 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	3 010
FEB	---	AUG	2 320
MAR	---	SEP	1 380
APR	867	OCT	814
MAY	5 840	NOV	207
JUN	5 050	DEC	5.27

AIRY CREEK ABOVE DIVERSIONS - STATION NO. 08NJ109

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	0.033	0.033	0.028	0.021	0.022	---	1
2	---	---	---	---	---	---	0.034	0.031	0.025	0.023	0.022	---	2
3	---	---	---	---	---	---	0.033	0.031	0.025	0.023	0.023	---	3
4	---	---	---	---	---	---	0.033	0.030	0.025	0.023	0.030	---	4
5	---	---	---	---	---	---	0.034	0.030	0.025	0.023	0.026	---	5
6	---	---	---	---	---	---	0.034	0.029	0.025	0.023	0.026	---	6
7	---	---	---	---	---	---	0.034	0.029	0.025	0.023	0.026	---	7
8	---	---	---	---	---	---	0.034	0.029	0.025	0.023	0.024	---	8
9	---	---	---	---	---	---	0.034	0.029	0.026	0.023	0.024	---	9
10	---	---	---	---	---	---	0.033	0.029	0.026	0.023	0.024	---	10
11	---	---	---	---	---	---	0.034	0.030	0.026	0.022	0.024	---	11
12	---	---	---	---	---	---	0.036	0.029	0.026	0.022	0.024	---	12
13	---	---	---	---	---	---	0.041	0.029	0.025	0.022	0.024	---	13
14	---	---	---	---	---	---	0.039	0.028	0.025	0.022	0.024	---	14
15	---	---	---	---	---	---	0.036	0.029	0.025	0.022	0.026	---	15
16	---	---	---	---	---	---	0.037	0.028	0.024	0.022	0.030	---	16
17	---	---	---	---	---	---	0.036	0.027	0.024	0.023	0.030	---	17
18	---	---	---	---	---	---	0.035	0.027	0.023	0.023	0.028	---	18
19	---	---	---	---	---	---	0.034	0.027	0.023	0.022	0.027	---	19
20	---	---	---	---	---	---	0.034	0.027	0.023	0.022	0.026	---	20
21	---	---	---	---	---	---	0.034	0.026	0.023	0.022	0.026	---	21
22	---	---	---	---	---	---	0.034	0.026	0.023	0.022	0.026	---	22
23	---	---	---	---	---	---	0.034	0.026	0.023	0.022	0.024	---	23
24	---	---	---	---	---	---	0.034	0.026	0.023	0.022	0.023	---	24
25	---	---	---	---	---	---	0.033	0.026	0.023	0.022	0.023	---	25
26	---	---	---	---	---	---	0.034	0.026	0.022	0.022	0.023	---	26
27	---	---	---	---	---	---	0.033	0.027	0.022	0.023	0.023	---	27
28	---	---	---	---	---	---	0.033	0.027	0.022	0.022	0.022	---	28
29	---		---	---	---	---	0.033	0.026	0.022	0.021	0.022	---	29
30	---		---	---	---	---	0.033	0.026	0.021	0.022	0.021	---	30
31	---		---		---		0.033	0.026		0.022		---	31
TOTAL	---	---	---	---	---	---	1.089	0.872	0.720	0.691	0.762	---	TOTAL
MEAN	---	---	---	---	---	---	0.034	0.028	0.024	0.022	0.025	---	MEAN
MAX	---	---	---	---	---	---	0.041	0.033	0.028	0.023	0.030	---	MAX
MIN	---	---	---	---	---	---	0.033	0.026	0.021	0.021	0.021	---	MIN

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - MANUAL
LOCATION - LAT 60 35 23 N
LONG 117 12 25 W

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	92.4
FEB	---	AUG	78.3
MAR	---	SEP	62.2
APR	---	OCT	59.7
MAY	---	NOV	64.1
JUN	---	DEC	---

AKIE RIVER NEAR THE 760 m CONTOUR - STATION NO. 07EA007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.788	4.028	3.678	3.548	14.2E	122 E	90.7	57.2	35.0	27.6	12.3	8.708	1
2	4.858	4.018	3.658	3.598	15.2E	80.0E	113	50.2	33.6	26.3	15.1	8.688	2
3	4.558	4.008	3.638	3.648	15.7A	71.0E	117	43.8	43.8	25.9	15.8	8.508	3
4	4.528	3.998	3.628	3.708	14.8	62.0E	105	41.9	48.5	26.7	14.8	8.508	4
5	4.508	3.988	3.608	3.748	14.0	54.5E	125	38.2	46.4	26.0	13.4	8.458	5
6	4.488	3.928	3.588	3.838	14.8	50.5E	98.7	38.3	44.2	25.3	11.7	8.358	6
7	4.458	3.908	3.548	3.838	16.7	48.0E	83.8	38.4	41.7	24.6	13.6	8.308	7
8	4.428	3.888	3.528	4.008	16.8	86.2A	74.8	36.1	39.4	24.1	13.6	8.308	8
9	4.408	3.878	3.508	4.088	17.6	76.4	67.7	36.0	37.9	23.8	12.9	8.308	9
10	4.388	3.848	3.488	4.188	17.5	63.8	63.2	37.2	35.9	20.5	12.8	8.258	10
11	4.388	3.838	3.448	4.198	18.7	88.8	60.8	43.8	34.4	22.8	14.5	8.208	11
12	4.358	3.828	3.408	4.238	20.1	107	52.9	84.8	32.5	21.8	17.5	8.058	12
13	4.348	3.818	3.358	4.308	24.1	107	48.8	44.0	31.3	20.6	17.1	7.758	13
14	4.318	3.818	3.328	4.408	24.4	107	46.7	40.3	30.7	20.6	15.8	7.408	14
15	4.308	3.808	3.308	4.508	28.1A	107	43.7	37.8	30.8	19.9	13.7	7.058	15
16	4.288	3.808	3.308	4.858	34.5E	110	43.5	37.8	29.8	18.8	13.0	6.808	16
17	4.258	3.808	3.298	4.808	39.0E	85.8	43.4	48.0	28.4	19.8	13.3	6.308	17
18	4.228	3.808	3.288	5.008	34.2E	63.7	41.8	50.3	28.5	19.0	12.7	6.108	18
19	4.208	3.808	3.248	5.208	39.0E	51.9	40.8	55.4	28.5	18.8	12.8	5.858	19
20	4.198	3.808	3.228	5.508	51.0E	88.7	43.1	85.4	26.3	18.3	10.8	5.858	20
21	4.188	3.808	3.238	5.858	58.0E	92.1	49.5	61.8	24.9	18.1	10.1 B	5.808	21
22	4.178	3.808	3.238	6.508	53.5E	88.6	50.4	58.0	24.3	18.8	9.808	5.758	22
23	4.188	3.808	3.248	7.158	55.0E	109	45.4	57.8	24.2	17.8	9.808	5.708	23
24	4.158	3.808	3.288	8.008	58.0E	108	41.9	55.0	23.8	18.4	9.408	5.858	24
25	4.128	3.758	3.288	8.908	60.0E	88.6	40.9	50.4	24.0	18.8	9.358	5.808	25
26	4.108	3.738	3.308	9.808	57.0E	89.9	41.8	48.1	31.8	18.8	9.358	5.878	26
27	4.088	3.718	3.338	10.3 E	53.5E	77.5	48.8	42.8	33.8	14.8	9.358	5.358	27
28	4.068	3.708	3.358	11.3 E	68.0E	75.9	88.8	38.8	38.3	15.8	9.308	5.508	28
29	4.078		3.408	12.2 E	118 E	75.1	89.8	38.5	37.4	15.8	9.258	5.458	29
30	4.088		3.448	13.2 E	148 E	80.8	89.5	38.2	37.3	15.8	8.858	5.508	30
31	4.068		3.488		153 E		59.8	38.2		16.0		5.558	31
TOTAL	133.11	107.88	108.43	177.70	1 388.2	2 833.2	2 038.1	1 415.0	971.7	632.0	371.38	215.10	TOTAL
MEAN	4.29	3.84	3.40	5.92	43.7	87.8	85.7	45.8	32.4	20.4	12.4	8.94	MEAN
MAX	4.75	4.02	3.67	13.2	153	122	125	85.4	46.5	27.6	17.5	8.70	MAX
MIN	4.06	3.70	3.22	3.84	14.0	48.0	40.8	36.1	23.8	14.8	8.28	5.45	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 27.8
MAXIMUM DAILY, 1638 ON MAY 31
MINIMUM DAILY, 3.228 ON MAR 20
MAXIMUM INSTANTANEOUS,
3132

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 57 11 28 N
LONG 124 53 56 W
DRAINAGE AREA, 1 700 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	11 800	JUL	176 000
FEB	9 290	AUG	122 000
MAR	9 110	SEP	84 000
APR	15 400	OCT	54 600
MAY	117 000	NOV	32 100
JUN	226 000	DEC	18 800

TOTAL DISCHARGE, 876 000 dam³

ALBERT RIVER AT 1310 m CONTOUR - STATION NO. 08MF005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.134E	0.073	0.034	0.026	0.442	10.2	6.03	2.25	0.800	0.503	0.334	0.212	1
2	0.134E	0.071	0.034	0.024	0.450	8.34	5.53	2.49	0.900	0.488	0.338	0.207	2
3	0.134E	0.067	0.033	0.025	0.463	7.90	5.08	2.34	0.856	0.467	0.347	0.198	3
4	0.134E	0.065	0.032	0.024	0.456	7.80	4.89	2.04	0.817	0.476	0.361	0.184	4
5	0.134A	0.061	0.032	0.024	0.472	8.87	4.72	1.87	0.788	0.482	0.385	0.182	5
6	0.129	0.057	0.032	0.024	0.492	8.42	4.81	1.84	0.786	0.450	0.388	0.177	6
7	0.127	0.053	0.031	0.026	0.526	7.79	5.29	1.72	0.788	0.443	0.312	0.171	7
8	0.122	0.051	0.032	0.026	0.592	8.42	5.93	1.62	0.778	0.425	0.321	0.171	8
9	0.123	0.048	0.032	0.027	0.689	8.92	5.10	1.54	0.760	0.404	0.322	0.168	9
10	0.121	0.047	0.032	0.028	0.727	8.36	4.31	1.48	0.784	0.393	0.338	0.158	10
11	0.119	0.048	0.032	0.028	0.772	7.12	3.90	1.58	0.767	0.378	0.328	0.154	11
12	0.118	0.047	0.032	0.028	0.836	5.70	3.77	1.76	0.754	0.371	0.328	0.153	12
13	0.118	0.045	0.032	0.027	1.01	4.70	10.1	1.63	0.781	0.367	0.320	0.151	13
14	0.110	0.045	0.033	0.027	1.27	4.59	10.3	1.32	0.844	0.335	0.323	0.150	14
15	0.107	0.046	0.034	0.028	1.48	5.27	7.77	1.25	0.814	0.330	0.322	0.149	15
16	0.103	0.044	0.034	0.028	1.93	5.57	5.58	1.18	0.789	0.315	0.309	0.142	16
17	0.108	0.042	0.032	0.031	1.74	5.88	5.04	1.10	0.781	0.313	0.302	0.138	17
18	0.108	0.042	0.032	0.037	1.88	6.18	4.83	1.13	0.770	0.307	0.296	0.138	18
19	0.104	0.039	0.031	0.044	1.93	6.27	4.57	1.08	0.732	0.293	0.302	0.133	19
20	0.096	0.038	0.029	0.062	1.92	6.46	4.51	0.981	0.703	0.285	0.302	0.137	20
21	0.095	0.038	0.027	0.088	2.28	6.07	4.18	0.918	0.654	0.281	0.298	0.136	21
22	0.093	0.036	0.027	0.102	2.99	5.86	3.84	0.889	0.615	0.279	0.294	0.137	22
23	0.092	0.036	0.026	0.152	4.18	5.52	3.42	0.838	0.589	0.276	0.282	0.134	23
24	0.086	0.037	0.030	0.217	5.45	5.95	3.36	1.02	0.573	0.270	0.281	0.132	24
25	0.088	0.037	0.028	0.281	7.48	7.23	3.87	1.31	0.560	0.264	0.284	0.128	25
26	0.087	0.035	0.027	0.336	9.29	5.61	3.58	1.22	0.561	0.262	0.262	0.130	26
27	0.084	0.034	0.027	0.376	9.84	5.94	2.89	1.05	0.589	0.251	0.244	0.131	27
28	0.083	0.034	0.026	0.323	10.8	6.08	2.48	0.994	0.587	0.242	0.238	0.133	28
29	0.077		0.025	0.416	12.6	8.25	2.28	0.930	0.642	0.241	0.237	0.132	29
30	0.078		0.026	0.431	13.2	8.84	2.22	0.875	0.513	0.240	0.232	0.132	30
31	0.074		0.028		11.7		2.26	0.828		0.238		0.134	31
TOTAL	3.333	1.316	0.942	3.369	109.803	197.10	180.77	42.761	21.447	10.948	8.984	4.717	TOTAL
MEAN	0.107	0.047	0.030	0.112	3.54	6.57	5.19	1.38	0.715	0.343	0.285	0.152	MEAN
MAX	0.134	0.073	0.034	0.431	13.2	10.2	10.3	2.49	0.900	0.503	0.338	0.212	MAX
MIN	0.074	0.034	0.025	0.024	0.442	4.07	2.22	0.828	0.513	0.238	0.222	0.128	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.88
MAXIMUM DAILY, 13.2 ON MAY 30
MINIMUM DAILY, 0.024 ON APR 2
MAXIMUM INSTANTANEOUS,
15.0 AT 23:05 MST ON MAY 29

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 39 35 N
LONG 115 31 48 W
DRAINAGE AREA, 89.7 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	287	JUL	13 900
FEB	114	AUG	3 690
MAR	81.4	SEP	1 850
APR	290	OCT	920
MAY	9 490	NOV	740
JUN	17 000	DEC	408

TOTAL DISCHARGE, 49 800 dam³

ALLISON CREEK NEAR PRINCETON - STATION NO. 08NL012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	1.09 E	5.05	3.98	1.81	0.815	0.828	---	---	---	1
2	---	---	---	1.03 E	5.30	3.88	1.58	0.872	0.830	---	---	---	2
3	---	---	---	0.970E	5.50	3.42	1.58	0.830	0.858	---	---	---	3
4	---	---	---	0.910E	5.78	3.42	1.54	0.858	0.844	---	---	---	4
5	---	---	---	0.950	5.90	2.84	1.52	0.815	0.830	---	---	---	5
6	---	---	---	0.886	6.22	2.43	1.47	0.574	0.844	---	---	---	6
7	---	---	---	0.832	5.98	2.32	1.18	0.532	0.830	---	---	---	7
8	---	---	---	0.832	5.86	2.26	1.35	0.815	0.830	---	---	---	8
9	---	---	---	0.850	5.54	2.10	1.24	0.815	0.858	---	---	---	9
10	---	---	---	0.850	5.54	2.01	1.18	0.872	0.844	---	---	---	10
11	---	---	---	0.858	5.50	2.04	1.17	0.830	0.872	---	---	---	11
12	---	---	---	1.00	5.50	1.98	1.18	0.844	0.872	---	---	---	12
13	---	---	---	0.986	5.38	1.94	1.15	0.815	0.858	---	---	---	13
14	---	---	---	1.02	5.36	1.79	1.17	0.830	0.872	---	---	---	14
15	---	---	---	1.02	5.82	1.78	1.20	0.802	0.872	---	---	---	15
16	---	---	---	1.08	5.86	1.73	1.24	0.815	0.858	---	---	---	16
17	---	---	---	1.08	5.70	1.88	1.22	0.844	0.858	---	---	---	17
18	---	---	---	1.11	5.70	1.94	1.18	0.830	0.844	---	---	---	18
19	---	---	---	1.26	5.82	1.92	1.18	0.830	0.844	---	---	---	19
20	---	---	---	1.59	5.78	1.82	0.988	0.588	0.815	---	---	---	20
21	---	---	---	1.71	6.22	1.60	0.914	0.574	0.858	---	---	---	21
22	---	---	---	1.98	6.43	1.33	1.02	0.532	0.475	---	---	---	22
23	---	---	---	2.84	6.43	1.47	1.08	0.478	0.504	---	---	---	23
24	---	---	---	3.21	6.50	1.73	1.26	0.504	0.482	---	---	---	24
25	---	---	---	4.23	6.39	1.58	1.22	0.478	0.490	---	---	---	25
26	---	---	---	4.30	6.06	1.54	1.11	0.504	0.478	---	---	---	26
27	---	---	---	4.04	5.74	1.40	0.988	0.504	0.546	---	---	---	27
28	---	---	---	4.30	5.18	1.42	1.04	0.490	0.490	---	---	---	28
29	---		---	4.91	4.89	1.58	0.988	0.504	0.532	---	---	---	29
30	---		---	4.78	4.87	1.84	0.880	0.490	0.478	---	---	---	30
31	---		---		4.23		0.880	0.872		---		---	31
TOTAL	---	---	---	55.884	175.76	61.15	37.244	18.088	18.272	---	---	---	TOTAL
MEAN	---	---	---	1.85	5.67	2.04	1.20	0.583	0.609	---	---	---	MEAN
MAX	---	---	---	4.78	6.50	3.98	1.81	0.872	0.828	---	---	---	MAX
MIN	---	---	---	0.886	4.23	1.33	0.880	0.490	0.482	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 6.50 ON MAY 24

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 37 48 N
LONG 120 33 08 W
DRAINAGE AREA, 593 km²

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	3 230
FEB	---	AUG	1 880
MAR	---	SEP	1 880
APR	4 880	OCT	---
MAY	16 200	NOV	---
JUN	8 280	DEC	---

ALOUETTE LAKE FOREBAY - STATION NO. 08MH148

DAILY WATER LEVEL IN METRES FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	120.837	115.890	116.173	121.571	1
2	---	---	---	---	---	---	---	---	121.084	115.478	116.581	121.484	2
3	---	---	---	---	---	---	---	---	121.081	115.270	116.980	121.353	3
4	---	---	---	---	---	---	---	---	121.033	115.062	117.200	121.228	4
5	---	---	---	---	---	---	---	---	120.950	114.869	117.235	121.094	5
6	---	---	---	---	---	---	---	---	120.869	114.685	117.244	120.982	6
7	---	---	---	---	---	---	---	---	120.795	114.487	117.381	120.837	7
8	---	---	---	---	---	---	---	---	120.715	114.286	117.483	120.789	8
9	---	---	---	---	---	---	---	---	120.599	114.069	117.640	120.702	9
10	---	---	---	---	---	---	---	---	120.407	113.874	117.383	120.614	10
11	---	---	---	---	---	---	---	---	120.285	113.688	117.478	120.530	11
12	---	---	---	---	---	---	---	120.304A	120.074	113.645	117.871	120.483	12
13	---	---	---	---	---	---	---	120.290	119.851	113.858	117.908	120.450	13
14	---	---	---	---	---	---	---	120.309	119.607	113.885	117.950	120.456	14
15	---	---	---	---	---	---	---	120.328	119.352	113.877	118.025	120.408	15
16	---	---	---	---	---	---	---	120.343	119.090	113.886	120.392	120.333	16
17	---	---	---	---	---	---	---	120.358	118.834	113.718	121.121	120.228	17
18	---	---	---	---	---	---	---	120.371	118.583	113.748	121.826	120.112	18
19	---	---	---	---	---	---	---	120.382	118.303	113.773	121.795	119.995	19
20	---	---	---	---	---	---	---	120.386	118.095	113.898	121.631	119.980	20
21	---	---	---	---	---	---	---	120.410	117.770	113.991	121.803	119.980	21
22	---	---	---	---	---	---	---	120.421	117.488	114.427	121.742	119.848	22
23	---	---	---	---	---	---	---	120.431	117.282	114.893	121.674	119.827	23
24	---	---	---	---	---	---	---	120.445	117.081	114.811	121.641	119.772	24
25	---	---	---	---	---	---	---	120.458	116.901	114.900	121.729	119.757	25
26	---	---	---	---	---	---	---	120.468	116.729	114.988	121.784	119.789	26
27	---	---	---	---	---	---	---	120.473	116.556	116.102	121.813	119.770	27
28	---	---	---	---	---	---	---	120.468	116.347	115.208	121.810	119.578	28
29	---		---	---	---	---	---	120.521	116.123	115.277	121.780	119.388	29
30	---		---	---	---	---	---	120.549	115.909	115.478	121.678	119.252	30
31	---		---		---		---	120.538		115.958		119.244	31
MEAN	---	---	---	---	---	---	---	---	118.944	114.505	119.498	120.316	MEAN
MAX	---	---	---	---	---	---	---	---	121.081	115.958	121.831	121.571	MAX
MIN	---	---	---	---	---	---	---	---	116.909	113.645	116.173	119.244	MIN

WATER LEVELS IN METRES

MINIMUM DAILY, 113.645 ON OCT 12

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 17 14 N
LONG 122 29 04 W

A - MANUAL GAUGE

REGULATED

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

REMARKS - WATER LEVEL CONTROLLED BY AQUEDUCT TO STAVE LAKE AND VALVED PIPE TO ALOUETTE RIVER

ALOUETTE RIVER NEAR MAHEY - STATION NO. 08MH005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.21	1.85	1.89	2.09	1.37	0.530	0.685	0.581	3.09	0.851	3.20	2.58	1
2	1.88	1.48	1.77	2.01	1.32	0.853	1.84	0.585	4.26	0.830	4.21	2.39	2
3	2.88	1.40	1.83	2.15	1.31	0.858	1.28	0.807	2.22	0.933	5.28	2.28	3
4	3.48	1.33	1.80	1.85	1.27	0.886	0.902	0.581	1.70	1.07	4.35	2.19	4
5	7.11	1.27	1.43	1.36	1.24	0.587	0.778	0.522	1.50	0.902	3.22	2.17	5
6	4.05	1.31	1.43	1.18	1.34	0.586	0.711	0.530	1.48	0.840	3.09	2.07	6
7	10.4	1.80	1.48	1.04	1.85	0.541	0.885	0.506	1.60	0.526	7.44	2.02	7
8	11.1	1.33	1.83	0.905	3.25	0.513	0.888	0.532	1.48	0.532	6.25	2.78	8
9	10.4	2.25	3.83	0.844	2.88	0.582	0.717	0.518	1.37	0.513	3.87	2.83	9
10	24.8	2.83	3.40	1.08	2.27	0.882	0.828	0.533	1.71	0.529	2.87	2.43	10
11	20.4	3.48	4.20	0.837	1.89	0.857	0.78	0.518	1.98	0.482	3.55	2.37	11
12	28.8	5.77	7.11	0.883	1.89	0.524	18.1	0.500	1.81	0.483	3.23	2.84	12
13	23.8	5.76	10.7	0.821	1.83	0.495	12.2	0.479	1.56	0.475	3.20	3.45	13
14	14.5	3.72	19.1	0.778	1.48	0.500	8.53	0.474	1.38	0.480	7.89	3.26	14
15	8.80	3.07	27.8	0.746	1.43	0.738	4.02	0.483	1.29	0.805	17.4	2.77	15
16	3.34	3.25	20.0	0.707	1.38	0.897	2.50	0.482	1.24	0.838	15.5	2.46	16
17	2.10	4.86	10.7	0.888	1.38	2.37	1.82	0.488	1.22	0.878	9.28	2.24	17
18	1.84	5.20	5.63	0.885	1.81	3.34	1.42	0.486	1.22	0.811	7.88	2.18	18
19	2.21	4.20	3.38	0.838	1.38	2.87	1.16	0.494	1.13	0.888	5.07	2.01	19
20	2.16	7.85	1.21	0.880	1.29	1.80	1.05	0.481	1.14	1.09	4.06	1.788	20
21	1.88	4.40	0.972	0.888	1.26	1.42	0.926	0.481	1.09	1.27	3.32	1.808	21
22	1.70	4.13	1.10	0.823	1.23	1.15	0.829	0.540	1.08	2.81	3.05	1.478	22
23	1.63	3.58	0.882	0.880	1.19	1.08	0.788	0.484	1.02	1.71	2.88	1.348	23
24	1.78	4.78	0.850	1.78	1.17	0.950	0.718	0.480	0.980	1.43	4.54	1.238	24
25	1.74	4.19	0.858	2.13	1.15	0.887	0.898	0.483	0.931	1.45	5.80	1.138	25
26	1.73	3.22	0.789	3.88	1.18	0.801	0.721	0.888	0.880	1.35	5.84	1.118	26
27	1.72	2.88	0.788	2.43	1.01	0.724	0.788	0.818	1.01	1.88	7.42	1.088	27
28	1.67	2.26	0.817	1.80	0.858	0.885	0.788	1.00	0.918	1.43	4.40	1.088	28
29	1.87		1.47	1.58	0.490	0.835	0.880	1.08	0.880	1.31	3.41	1.208	29
30	1.84		1.57	1.41	0.488	0.892	0.825	1.08	0.858	3.28	2.82	2.48	30
31	1.71		2.00		0.502		0.891	1.03		4.81		3.23	31
TOTAL	201.87	81.79	161.114	40.232	43.339	28.233	75.359	18.825	44.115	37.083	165.24	85.51	TOTAL
MEAN	6.52	3.28	4.85	1.34	1.40	0.974	2.43	0.807	1.47	1.20	5.51	2.11	MEAN
MAX	28.8	7.85	27.8	3.88	3.25	3.34	18.1	1.08	4.26	4.84	17.4	3.45	MAX
MIN	1.21	1.27	0.788	0.823	0.490	0.495	0.881	0.481	0.858	0.482	2.87	1.08	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.61
MAXIMUM DAILY, 28.8 ON JAN 12
MINIMUM DAILY, 0.482 ON OCT 11
MAXIMUM INSTANTANEOUS,
41.3 AT 01:53 PST ON JUL 12

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 14 21 N
LONG 122 34 42 W
DRAINAGE AREA, 234 km²

B - ICE CONDITIONS

REGULATED SINCE 1928

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	17 500	JUL	6 510
FEB	7 930	AUG	1 630
MAR	13 200	SEP	3 810
APR	3 480	OCT	3 200
MAY	3 740	NOV	14 300
JUN	2 530	DEC	8 690

TOTAL DISCHARGE, 83 500 dam³

AMBUSTEN CREEK NEAR THE MOUTH - STATION NO. 08LF061

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.0118	0.0078	0.0118	0.0118	0.008	0.050	0.032	0.015	0.011	0.012	0.010	0.0098	1
2	0.0118	0.0078	0.0118	0.0118	0.006	0.049	0.045	0.015	0.015	0.012	0.010	0.0098	2
3	0.0118	0.0078	0.0118	0.0118	0.008	0.049	0.044	0.015	0.013	0.011	0.010	0.0098	3
4	0.0128	0.0088	0.0118	0.0118	0.008	0.049	0.037	0.014	0.011	0.011	0.008	0.0098	4
5	0.0128	0.0088	0.0118	0.0118	0.010	0.048	0.033	0.013	0.012	0.011	0.008	0.0098	5
6	0.0128	0.0088	0.0108	0.0118	0.011	0.044	0.030	0.013	0.011	0.011	0.008	0.0088	6
7	0.0128	0.0088	0.0108	0.0118	0.011	0.043	0.028	0.013	0.013	0.011	0.008	0.0088	7
8	0.0128	0.0088	0.0108	0.0118	0.012	0.040	0.030	0.013	0.013	0.010	0.007	0.0088	8
9	0.0128	0.0088	0.0088	0.0118	0.014	0.039	0.039	0.011	0.012	0.010	0.008	0.0088	9
10	0.0128	0.0088	0.0088	0.0118	0.014	0.037	0.032	0.015	0.014	0.009	0.008	0.0088	10
11	0.0138	0.0088	0.0088	0.0108	0.014	0.037	0.028	0.015	0.014	0.009	0.008	0.0088	11
12	0.0138	0.0088	0.0088	0.0108	0.014	0.037	0.027	0.015	0.014	0.008	0.008	0.0088	12
13	0.0138	0.0088	0.0088	0.0108	0.015	0.035	0.025	0.014	0.013	0.010A	0.008	0.0088	13
14	0.0138	0.0088	0.0088	0.0108	0.018	0.032	0.024	0.014	0.012	0.010E	0.008	0.0088	14
15	0.0138	0.0088	0.0088	0.0108	0.018	0.031	0.029	0.013	0.011	0.010E	0.009	0.0088	15
16	0.0128	0.0088	0.0108	0.0108	0.025	0.028	0.034	0.012	0.011	0.010E	0.010	0.0078	16
17	0.0128	0.0088	0.0108	0.0108	0.039	0.027	0.030	0.012	0.014	0.011E	0.010	0.0078	17
18	0.0128	0.0088	0.0108	0.0108	0.038	0.026	0.025	0.012	0.013	0.011E	0.008	0.0078	18
19	0.0128	0.0088	0.0118	0.011E	0.042	0.025	0.022	0.011	0.012	0.012E	0.008	0.0078	19
20	0.0128	0.0088	0.0118	0.011E	0.056	0.024	0.023	0.011	0.012	0.012E	0.010	0.0078	20
21	0.0118	0.0108	0.0128	0.011E	0.071	0.034	0.023	0.011	0.014	0.012E	0.010	0.0078	21
22	0.0118	0.0108	0.0128	0.011E	0.066	0.030	0.019	0.011	0.015	0.012E	0.0088	0.0078	22
23	0.0108	0.0108	0.0128	0.011E	0.066	0.035	0.018	0.011	0.014	0.011E	0.0088	0.0078	23
24	0.0108	0.0108	0.0128	0.011E	0.066	0.039	0.018	0.010	0.012	0.011E	0.0088	0.0078	24
25	0.0098	0.0108	0.0128	0.011	0.063	0.034	0.023	0.011	0.012	0.011E	0.0088	0.0078	25
26	0.0098	0.0118	0.0118	0.011	0.058	0.033	0.031	0.010	0.011	0.011E	0.0088	0.0088	26
27	0.0088	0.0118	0.0118	0.010	0.057	0.031	0.026	0.008	0.012	0.011A	0.0088	0.0088	27
28	0.0088	0.0118	0.0118	0.008	0.058	0.027	0.022	0.008	0.012	0.008	0.0088	0.0088	28
29	0.0088		0.0118	0.008	0.053	0.034	0.021	0.008	0.012	0.008	0.0088	0.0088	29
30	0.0078		0.0118	0.008	0.051	0.033	0.018	0.008	0.012	0.008	0.0088	0.0088	30
31	0.0078		0.0118		0.051		0.017	0.008		0.008		0.0088	31
TOTAL	0.340	0.249	0.326	0.313	1.044	1.082	0.858	0.377	0.377	0.327	0.271	0.243	TOTAL
MEAN	0.011	0.009	0.011	0.010	0.034	0.036	0.028	0.012	0.013	0.011	0.008	0.008	MEAN
MAX	0.013	0.011	0.012	0.011	0.071	0.050	0.046	0.015	0.015	0.012	0.010	0.009	MAX
MIN	0.007	0.007	0.009	0.008	0.008	0.024	0.017	0.008	0.011	0.008	0.007	0.007	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.018
MAXIMUM DAILY, 0.071 ON MAY 21
MINIMUM DAILY, 0.0078 ON JAN 30
MAXIMUM INSTANTANEOUS,
0.084 AT 02:30 PST ON MAY 21

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 43 56 N
LONG 121 34 27 W
DRAINAGE AREA, 32.9 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	29.4	JUL	74.0
FEB	21.5	AUG	32.6
MAR	28.2	SEP	32.6
APR	27.0	OCT	28.3
MAY	90.2	NOV	23.4
JUN	93.5	DEC	21.0

TOTAL DISCHARGE, 502 dam³

ANDERSON CREEK ABOVE DIVERSIONS - STATION NO. 08LF084

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.0548	0.0358	0.0278	0.0208	0.100E	0.416	0.195	0.087	0.080	0.080	0.082	0.0428	1
2	0.0548	0.0358	0.0278	0.0208	0.105E	0.371	0.388	0.085	0.129	0.080	0.081	0.0358	2
3	0.0568	0.0388	0.0278	0.0208	0.105E	0.319	0.341	0.085	0.097	0.080	0.080	0.0308	3
4	0.0588	0.0388	0.0278	0.0208	0.105E	0.286	0.288	0.084	0.087	0.081	0.079	0.0288	4
5	0.0588	0.0408	0.0278	0.0208	0.100E	0.263	0.250	0.083	0.086	0.080	0.075	0.0288	5
6	0.0608	0.0408	0.0288	0.0218	0.098E	0.247	0.232	0.082	0.084	0.079	0.077	0.0298	6
7	0.0608	0.0408	0.0288	0.0218	0.098E	0.236	0.218	0.081	0.083	0.079	0.076	0.0298	7
8	0.0608	0.0388	0.0288	0.0228	0.094E	0.224	0.215	0.080	0.083	0.078	0.074	0.0278	8
9	0.0628	0.0388	0.0288	0.0228	0.094E	0.212	0.231	0.079	0.082	0.078	0.073	0.0278	9
10	0.0628	0.0368	0.0288	0.0238	0.084E	0.200	0.208	0.098	0.084	0.077	0.073	0.0278	10
11	0.0628	0.0388	0.0288	0.0238	0.084A	0.188	0.203	0.082	0.085	0.077	0.074	0.0288	11
12	0.0628	0.0348	0.0258	0.0248	0.095	0.184	0.207	0.081	0.085	0.077	0.074	0.0288	12
13	0.0608	0.0348	0.0258	0.0248	0.105	0.182	0.190	0.088	0.083	0.077	0.073	0.0288	13
14	0.0608	0.0328	0.0248	0.0258	0.120	0.171	0.178	0.083	0.082	0.077	0.074	0.0288	14
15	0.0608	0.0328	0.0248	0.0258	0.130	0.162	0.207	0.081	0.080	0.077	0.073	0.0288	15
16	0.0588	0.0308	0.0248	0.0268	0.184	0.148	0.208	0.080	0.082	0.077	0.072	0.0278	16
17	0.0588	0.0308	0.0248	0.0278	0.234	0.144	0.201	0.081	0.084	0.077	0.072	0.0288	17
18	0.0588	0.0288	0.0238	0.0288	0.211	0.131	0.178	0.080	0.084	0.077	0.073	0.0288	18
19	0.0588	0.0288	0.0238	0.0298	0.335	0.121	0.149	0.079	0.083	0.078	0.071	0.0238	19
20	0.0588	0.0288	0.0238	0.0308	0.347	0.185	0.158	0.078	0.083	0.078	0.070	0.0208	20
21	0.0608	0.0278	0.0238	0.0358	0.428	0.212	0.137	0.078	0.089	0.075	0.0688	0.0188	21
22	0.0608	0.0278	0.0228	0.0408	0.449	0.177	0.120	0.078	0.084	0.076	0.0688	0.0188	22
23	0.0588	0.0278	0.0228	0.0468	0.487	0.170	0.107	0.077	0.080	0.075	0.0848	0.0178	23
24	0.0568	0.0278	0.0228	0.0508	0.546	0.204	0.097	0.078	0.087	0.074	0.0808	0.0178	24
25	0.0608	0.0278	0.0228	0.0808	0.521	0.172	0.098	0.078	0.085	0.075	0.0808	0.0178	25
26	0.0488	0.0278	0.0218	0.0708	0.512	0.202	0.102	0.078	0.083	0.075	0.0828	0.0188	26
27	0.0428	0.0278	0.0218	0.0608	0.518	0.226	0.085	0.078	0.082	0.124	0.0828	0.0188	27
28	0.0388	0.0278	0.0218	0.0628	0.536	0.177	0.093	0.075	0.082	0.083	0.0588	0.0188	28
29	0.0388		0.0208	0.0668	0.565	0.221	0.091	0.078	0.081	0.084	0.0528	0.0188	29
30	0.0388		0.0208	0.0908	0.525	0.216	0.080	0.077	0.080	0.084	0.0488	0.0198	30
31	0.0388		0.0208		0.482		0.088	0.078		0.084		0.0198	31
TOTAL	1.892	0.904	0.738	1.108	8.294	8.386	5.558	2.524	2.579	2.478	2.096	0.780	TOTAL
MEAN	0.055	0.032	0.024	0.037	0.268	0.212	0.179	0.081	0.086	0.080	0.070	0.025	MEAN
MAX	0.062	0.040	0.027	0.090	0.565	0.416	0.388	0.098	0.129	0.124	0.082	0.042	MAX
MIN	0.038	0.027	0.020	0.020	0.094	0.121	0.088	0.075	0.080	0.074	0.048	0.017	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.086
MAXIMUM DAILY, 0.565 ON MAY 29
MINIMUM DAILY, 0.0178 ON DEC 23
MAXIMUM INSTANTANEOUS,
0.728 AT 16:36 PST ON MAY 24

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 43 36 N
LONG 121 38 43 W
DRAINAGE AREA, 31.9 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	148	JUL	480
FEB	78.1	AUG	218
MAR	83.8	SEP	223
APR	88.7	OCT	214
MAY	717	NOV	181
JUN	550	DEC	85.7

TOTAL DISCHARGE, 3 030 dam³

ANDERSON CREEK AT THE MOUTH - STATION NO. 08MH104

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.44	0.625	0.644	0.838	0.257	0.210	0.189	0.184	0.456	0.194	0.617	0.612	1
2	1.58	0.569	0.551	2.08	0.249	0.205	0.189	0.184	0.194	0.194	0.895	0.531	2
3	2.57	0.468	0.601	1.04	0.229	0.205	0.189	0.184	0.189	0.215	1.54	0.493	3
4	3.98	0.485	0.558	0.749	0.210	0.199	0.184	0.184	0.194	0.202	1.89	0.460	4
5	8.88	0.488	0.524	0.608	0.210	0.194	0.189	0.184	0.189	0.205	1.02	0.456	5
6	1.87	0.418	0.659	0.524	0.210	0.194	0.188	0.178	0.189	0.194	1.21	0.456	6
7	3.61	0.737	0.668	0.473	0.237	0.184	0.189	0.188	0.189	0.202	1.23	0.392	7
8	5.10	1.87	0.896	0.440	0.378	0.184	0.189	0.183	0.194	0.194	0.798	0.688	8
9	3.88	2.86	1.85	0.486	1.35	0.189	0.188	0.183	0.194	0.194	0.659	0.617	9
10	8.98	2.25	1.80	0.898	0.722	0.189	0.188	0.183	0.306	0.194	0.809	0.898	10
11	7.50	4.05	2.07	0.741	0.450	0.189	0.354	0.178	0.202	0.194	1.21	0.703	11
12	1.44	3.43	1.06	0.551	0.378	0.184	0.630	0.173	0.202	0.194	0.779	0.578	12
13	1.04	2.88	1.01	0.507	0.306	0.179	0.836	0.173	0.199	0.194	0.722	1.93	13
14	0.677	2.26	0.944	0.490	0.612	0.189	0.594	0.173	0.194	0.194	1.78	1.39	14
15	0.784	0.784	0.790	0.450	0.345	0.184	0.507	0.173	0.194	0.210	5.06	0.798	15
16	0.681	1.03	0.637	0.398	0.315	0.189	0.280	0.173	0.194	0.205	3.79	0.696	16
17	0.681	2.23	0.585	0.378	0.291	0.210	0.274	0.173	0.194	0.257	4.51	0.541	17
18	0.703	1.31	0.617	0.388	0.277	0.205	0.194	0.168	0.194	0.237	1.85	0.456	18
19	1.27	1.28	0.617	0.386	0.249	0.205	0.194	0.178	0.189	0.221	0.969	0.392	19
20	1.04	2.48	0.630	0.377	0.237	0.189	0.194	0.168	0.189	0.229	2.92	0.380	20
21	0.681	1.09	0.630	0.237	0.221	0.184	0.189	0.188	0.205	0.285	0.994	0.335	21
22	0.726	2.32	0.631	0.295	0.215	0.194	0.188	0.188	0.189	0.517	0.977	0.271	22
23	0.681	1.78	0.683	0.243	0.215	0.189	0.189	0.188	0.189	0.388	0.894	0.271	23
24	0.681	2.44	0.398	0.683	0.210	0.194	0.188	0.189	0.194	0.205	3.04	0.215	24
25	0.857	1.26	0.378	0.473	0.210	0.194	0.189	0.189	0.194	0.205	3.84	0.189	25
26	0.877	1.05	0.388	0.476	0.210	0.189	0.189	0.189	0.194	0.205	1.73	0.215	26
27	1.23	0.809	0.392	0.483	0.210	0.178	0.189	0.189	0.210	0.202	4.80	0.248	27
28	0.521	0.703	0.379	0.376	0.210	0.189	0.188	0.189	0.202	0.210	1.32	0.202	28
29	0.784		1.31	0.338	0.205	0.189	0.189	0.189	0.194	0.205	0.857	0.215	29
30	0.784		1.35	0.306	0.202	0.189	0.189	0.189	0.194	0.490	0.730	1.32	30
31	0.771		1.68		0.210		0.189	0.184		0.944		2.03	31
TOTAL	82.069	43.634	24.364	18.342	9.826	5.766	8.118	5.698	6.210	7.937	52.853	18.104	TOTAL
MEAN	2.00	1.87	0.785	0.545	0.317	0.192	0.262	0.177	0.207	0.256	1.78	0.618	MEAN
MAX	7.50	4.05	2.07	2.08	1.35	0.210	0.836	0.188	0.456	0.944	5.06	2.03	MAX
MIN	0.521	0.418	0.368	0.235	0.202	0.178	0.184	0.183	0.189	0.194	0.617	0.189	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.718
MAXIMUM DAILY, 7.50 ON JAN 11
MINIMUM DAILY, 0.183 ON AUG 6

TYPE OF GAUGE - MANUAL
LOCATION - LAT 48 05 34 N
LONG 122 40 58 W
DRAINAGE AREA, 27.2 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	5 360	JUL	701
FEB	3 790	AUG	478
MAR	2 100	SEP	537
APR	1 410	OCT	886
MAY	849	NOV	4 570
JUN	498	DEC	1 850

TOTAL DISCHARGE, 22 800 dam³

ANDERSON CREEK NEAR NELSON - STATION NO. 08NJ130

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.038	0.052	0.108	0.158	0.483	0.756	0.195	0.084	0.048	0.028	0.034	0.080	1
2	0.037	0.048	0.108	0.156	0.474	0.727	0.186	0.079	0.050	0.027	0.035	0.080	2
3	0.038	0.050	0.129	0.154	0.480	0.888	0.173	0.075	0.044	0.028	0.092	0.081	3
4	0.037	0.048	0.151	0.150	0.481	0.892	0.142	0.073	0.041	0.029	0.088	0.057	4
5	0.038	0.048	0.149	0.150	0.488	0.843	0.130	0.089	0.041	0.028	0.078	0.088	5
6	0.037	0.048	0.140	0.150	0.508	0.802	0.156	0.084	0.038	0.028	0.075	0.084	6
7	0.037	0.048	0.138	0.178	0.538	0.672	0.147	0.081	0.038	0.028	0.071	0.083	7
8	0.038	0.048	0.140	0.198	0.535	0.657	0.146	0.086	0.037	0.028	0.085	0.083	8
9	0.044	0.048	0.178	0.183	0.490	0.638	0.137	0.087	0.044	0.028	0.089	0.084	9
10	0.048	0.044	0.317	0.173	0.480	0.641	0.128	0.083	0.042	0.028	0.080	0.088	10
11	0.047	0.044	0.355	0.181	0.441	0.393	0.124	0.088	0.043	0.028	0.082	0.088	11
12	0.049	0.043	0.305	0.182	0.420	0.353	0.138	0.086	0.040	0.024	0.081	0.083	12
13	0.048	0.077	0.278	0.143	0.409	0.328	0.182	0.086	0.039	0.024	0.078	0.083	13
14	0.047	0.079	0.255	0.138	0.408	0.308	0.158	0.085	0.041	0.023	0.071	0.085	14
15	0.043	0.078	0.232	0.137	0.416	0.338	0.152	0.082	0.036	0.023	0.078	0.088	15
16	0.041	0.078	0.212	0.143	0.425	0.308	0.148	0.080	0.035	0.021	0.088	0.081	16
17	0.042	0.078	0.194	0.154	0.443	0.300	0.140	0.048	0.034	0.021	0.108	0.048	17
18	0.040	0.085	0.178	0.181	0.454	0.298	0.132	0.048	0.033	0.022	0.104	0.048	18
19	0.038	0.084	0.184	0.225	0.454	0.278	0.128	0.044	0.032	0.023	0.093	0.048	19
20	0.040	0.082	0.167	0.260	0.478	0.265	0.133	0.041	0.032	0.023	0.088	0.044	20
21	0.038	0.082	0.150	0.351	0.534	0.251	0.127	0.038	0.032	0.024	0.078	0.043	21
22	0.038	0.081	0.146	0.418	0.570	0.238	0.114	0.037	0.032	0.040	0.074	0.083	22
23	0.038	0.082	0.131	0.486	0.611	0.254	0.107	0.038	0.031	0.034	0.072	0.041	23
24	0.038	0.088	0.136	0.845	0.892	0.245	0.105	0.074	0.029	0.029	0.071	0.041	24
25	0.038	0.120	0.135	0.896	0.787	0.228	0.117	0.081	0.030	0.027	0.072	0.042	25
26	0.040	0.116	0.133	0.841	0.833	0.217	0.128	0.084	0.029	0.027	0.069	0.041	26
27	0.058	0.110	0.130	0.582	0.841	0.205	0.104	0.052	0.026	0.028	0.068	0.040	27
28	0.072	0.108	0.131	0.538	0.881	0.194	0.103	0.048	0.026	0.028	0.085	0.042	28
29	0.064		0.134	0.486	0.873	0.191	0.097	0.045	0.026	0.026	0.084	0.041	29
30	0.058		0.145	0.462	0.875	0.205	0.090	0.045	0.025	0.027	0.081	0.041	30
31	0.055		0.162		0.824		0.086	0.043		0.032		0.042	31
TOTAL	1.374	2.014	5.430	8.874	17.586	10.978	4.142	1.758	1.078	0.814	2.228	1.531	TOTAL
MEAN	0.044	0.072	0.175	0.269	0.567	0.366	0.134	0.057	0.036	0.026	0.074	0.049	MEAN
MAX	0.072	0.120	0.355	0.896	0.875	0.756	0.195	0.084	0.050	0.040	0.108	0.081	MAX
MIN	0.038	0.044	0.108	0.137	0.408	0.191	0.086	0.037	0.025	0.021	0.034	0.040	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.158
MAXIMUM DAILY, 0.896 ON MAY 30
MINIMUM DAILY, 0.021 ON OCT 18
MAXIMUM INSTANTANEOUS,
0.892 AT 15:30 PST ON MAY 25

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 30 05 N
LONG 117 15 35 W
DRAINAGE AREA, 9.07 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	118	JUL	366
FEB	174	AUG	152
MAR	469	SEP	93.0
APR	749	OCT	70.3
MAY	1 520	NOV	192
JUN	948	DEC	132

TOTAL DISCHARGE, 4 980 dam³

ANNORE CREEK NEAR THE MOUTH - STATION NO. 08AA088

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.418	0.053	0.014	0.012E	0.030	0.285	---	---	---	1
2	---	---	---	0.410	0.055	0.031	0.120E	0.035	0.724	---	---	---	2
3	---	---	---	0.188	0.118	0.031	0.078E	0.029	0.260	---	---	---	3
4	---	---	---	0.150E	0.106	0.031	0.050E	0.029	0.107	---	---	---	4
5	---	---	---	0.100E	0.110	0.030	0.043E	0.029	0.032	---	---	---	5
6	---	---	---	0.075E	0.112	0.030	0.042E	0.029	0.115	---	---	---	6
7	---	---	---	0.083	0.105	0.030	0.041	0.030	0.085	---	---	---	7
8	---	---	---	0.081	0.105	0.038	0.040	0.030	0.076	---	---	---	8
9	---	---	---	0.088	0.090	0.030	0.040	0.030	0.101	---	---	---	9
10	---	---	---	0.211	0.132	0.035	0.039	0.034	0.107	---	---	---	10
11	---	---	---	0.205	0.118	0.018	0.118	0.036	0.111	---	---	---	11
12	---	---	---	0.178	0.105	0.015	0.380	0.028	0.089	---	---	---	12
13	---	---	---	0.177	0.086	0.018	0.408	0.025	0.051E	---	---	---	13
14	---	---	---	0.188	0.089	0.018	0.825	0.024	0.047E	---	---	---	14
15	---	---	---	0.108	0.068	0.077	0.280	0.024	0.037E	---	---	---	15
16	---	---	---	0.036	0.062	0.175	0.285	0.024	0.031E	---	---	---	16
17	---	---	---	0.031	0.038	0.285	0.103	0.024	0.034E	---	---	---	17
18	---	---	---	0.029	0.030	0.178	0.090	0.024	0.036E	---	---	---	18
19	---	---	---	0.017	0.021	0.105	0.087	0.024	0.029E	---	---	---	19
20	---	---	---	0.017	0.073	0.078	0.088	0.024	0.022E	---	---	---	20
21	---	---	---	0.017	0.029	0.074	0.037	0.024	0.020E	---	---	---	21
22	---	---	---	0.018	0.028E	0.104	0.038	0.024	0.020E	---	---	---	22
23	---	---	---	0.015	0.024E	0.072	0.031	0.022	0.019E	---	---	---	23
24	---	---	---	0.053	0.022E	0.083	0.030	0.022	0.019E	---	---	---	24
25	---	---	---	0.175	0.021E	0.055	0.030	0.022	0.018E	---	---	---	25
26	---	---	---	0.490	0.018E	0.053	0.030	0.022	0.018E	---	---	---	26
27	---	---	---	0.480	0.018E	0.048	0.051	0.022	0.015	0.077	---	---	27
28	---	---	0.071	0.177	0.017	0.010	0.055	0.036	0.018E	---	---	---	28
29	---		---	0.103	0.017	0.008	0.046	0.038	0.018E	---	---	---	29
30	---		---	0.075	0.017	0.011	0.041	0.039	0.018E	---	---	---	30
31	---		---		0.017		0.041	0.036		---	---	---	31
TOTAL	---	---	---	4.330	1.858	1.723	3.373	0.870	2.560	---	---	---	TOTAL
MEAN	---	---	---	0.144	0.060	0.057	0.109	0.028	0.085	---	---	---	MEAN
MAX	---	---	---	0.490	0.132	0.285	0.825	0.039	0.724	---	---	---	MAX
MIN	---	---	---	0.017	0.017	0.008	0.012	0.022	0.015	---	---	---	MIN

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 19 34 N
LONG 123 51 18 W

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	291
FEB	---	AUG	75.2
MAR	---	SEP	221
APR	374	OCT	---
MAY	160	NOV	---
JUN	149	DEC	---

ARGENTA CREEK NEAR ARGENTA - STATION NO. 08NH051

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.045	0.044	0.040	0.038	0.057	0.103	0.135	0.117	0.094	0.084	0.081	0.040	1
2	0.045	0.044	0.040	0.038	0.058	0.107	0.138	0.117	0.083	0.083	0.082	0.038	2
3	0.046	0.043	0.040	0.038	0.058	0.107	0.134	0.117	0.081	0.083	0.058	0.040	3
4	0.048	0.042	0.040	0.039	0.058	0.108	0.139	0.118	0.083	0.084	0.061	0.040	4
5	0.049	0.042	0.039	0.038	0.058	0.108	0.128	0.118	0.081	0.082	0.058	0.041	5
6	0.047	0.043	0.038	0.038	0.082	0.110	0.126	0.118	0.080	0.080	0.084	0.042	6
7	0.047	0.043	0.038	0.038	0.085	0.112	0.128	0.115	0.080	0.058	0.081	0.042	7
8	0.050	0.042	0.040	0.037	0.058	0.111	0.131	0.115	0.089	0.080	0.080	0.042	8
9	0.048	0.043	0.043	0.037	0.057	0.115	0.130	0.113	0.089	0.059	0.047	0.043	9
10	0.049	0.042	0.049	0.037	0.058	0.128	0.126	0.113	0.087	0.058	0.048	0.040	10
11	0.048	0.040	0.048	0.037	0.058	0.127	0.127	0.118	0.085	0.058	0.050	0.039	11
12	0.046	0.045	0.048	0.037	0.057	0.128	0.129	0.117	0.084	0.057	0.053	0.041	12
13	0.047	0.043	0.043	0.038	0.084	0.128	0.133	0.115	0.083	0.058	0.049	0.040	13
14	0.048	0.043	0.043	0.038	0.085	0.128	0.143	0.114	0.081	0.059	0.048	0.038	14
15	0.044	0.043	0.043	0.035	0.085	0.124	0.147	0.113	0.081	0.055	0.047	0.038	15
16	0.045	0.042	0.042	0.035	0.088	0.128	0.148	0.111	0.080	0.055	0.045	0.038	16
17	0.045	0.041	0.041	0.037	0.072	0.138	0.139	0.109	0.077	0.055	0.044	0.037	17
18	0.043	0.040	0.040	0.038	0.071	0.138	0.132	0.108	0.078	0.054	0.044	0.038	18
19	0.045	0.040	0.040	0.040	0.072	0.138	0.130	0.107	0.075	0.052	0.044	0.040	19
20	0.045	0.041	0.040	0.039	0.075	0.133	0.128	0.108	0.075	0.053	0.048	0.039	20
21	0.045	0.042	0.039	0.040	0.078	0.129	0.125	0.105	0.075	0.052	0.045	0.039	21
22	0.044	0.041	0.038	0.041	0.078	0.128	0.125	0.104	0.071	0.057	0.044	0.039	22
23	0.044	0.040	0.038	0.044	0.081	0.125	0.124	0.102	0.072	0.051	0.044	0.038	23
24	0.045	0.042	0.038	0.054	0.084	0.124	0.124	0.103	0.070	0.050	0.045	0.038	24
25	0.043	0.044	0.038	0.054	0.087	0.122	0.126	0.102	0.068	0.050	0.048	0.040	25
26	0.043	0.042	0.037	0.080	0.088	0.120	0.125	0.100	0.089	0.049	0.045	0.044	35
27	0.045	0.040	0.037	0.059	0.089	0.120	0.128	0.099	0.085	0.048	0.044	0.042E	27
28	0.045	0.040	0.037	0.057	0.088	0.120	0.128	0.097	0.084	0.047	0.044	0.042E	28
29	0.045		0.038	0.056	0.091	0.122	0.124	0.098	0.085	0.048	0.042	0.041E	29
30	0.044		0.038	0.058	0.085	0.128	0.122	0.092	0.085	0.048	0.041	0.042E	30
31	0.044		0.039		0.088		0.120	0.081		0.053		0.042E	31
TOTAL	1.418	1.177	1.254	1.288	2.358	3.842	4.024	3.371	2.380	1.717	1.438	1.285	TOTAL
MEAN	0.046	0.042	0.040	0.043	0.073	0.121	0.130	0.109	0.080	0.055	0.048	0.040	MEAN
MAX	0.050	0.045	0.049	0.080	0.088	0.138	0.147	0.118	0.094	0.084	0.081	0.044	MAX
MIN	0.043	0.040	0.037	0.035	0.056	0.103	0.120	0.081	0.068	0.047	0.041	0.037	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.088
MAXIMUM DAILY, 0.147 ON JUL 15
MINIMUM DAILY, 0.035 ON APR 15
MAXIMUM INSTANTANEOUS,
0.156 AT 17:30 PST ON JUL 15

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 09 50 N
LONG 116 54 01 W
DRAINAGE AREA, 5.70 km²

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	123	JUL	348
FEB	102	AUG	281
MAR	108	SEP	208
APR	111	OCT	148
MAY	195	NOV	124
JUN	318	DEC	108

TOTAL DISCHARGE, 2 180 dam³

ARROW CREEK NEAR ERICKSON - STATION NO. 08NH084

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.480B	0.617	1.03	1.19	4.39	11.5	2.47	1.63	0.780	0.545	0.802	0.690B	1
2	0.470B	0.618	1.06	1.20	4.32	10.5	2.70	1.52	0.761	0.538	0.695	0.640B	2
3	0.480B	0.611	1.20	1.18	4.45	9.46	2.64	1.45	0.784	0.524	1.48	0.650B	3
4	0.500B	0.580B	1.34	1.17	3.79	8.05	2.40	1.39	0.767	0.549	3.05	0.650B	4
5	0.520B	0.550B	1.28	1.16	4.12	7.44	2.28	1.32	0.764	0.523	1.69	0.570B	5
6	0.520B	0.520B	1.22	1.23	4.35	7.36	2.23	1.25	0.724	0.504	1.69	0.650B	6
7	0.542	0.520B	1.18	1.44	4.45	7.57	2.12	1.19	0.722	0.507	1.54	0.650B	7
8	0.588	0.540B	1.15	1.43	4.47	7.69	2.11	1.15	0.691	0.498	1.40	0.650B	8
9	0.759	0.548	1.29	1.40	4.25	7.46	1.96	1.11	0.689	0.502	1.26	0.650B	9
10	0.713	0.548	2.12	1.33	3.78	7.52	1.86	1.10	0.704	0.496	1.22	0.594	10
11	0.722	0.544	2.28	1.28	3.80	6.39	1.78	1.38	0.753	0.488	1.25	0.645	11
12	0.710	0.624	2.08	1.21	3.85	4.86	1.78	1.43	0.696	0.481	1.21	0.638	12
13	0.685	0.637	1.94	1.18	3.71	4.38	2.51	1.15	0.673	0.478	1.22	0.631	13
14	0.670	0.623	1.82	1.21	3.85	4.30	3.88	1.07	0.664	0.475	1.17	0.618	14
15	0.650	0.635	1.70	1.28	4.19	4.50	3.36	1.02	0.639	0.481	1.18	0.602	15
16	0.644	0.646	1.64	1.42	4.42	3.78	3.16	0.982	0.642	0.470	1.19	0.588	16
17	0.639	0.652	1.59	1.54	4.46	3.42	2.98	0.910	0.687	0.482	1.26	0.570B	17
18	0.625	0.686	1.49	1.87	5.12	3.44	2.72	0.874	0.626	0.478	1.23	0.570B	18
19	0.626	0.693	1.39	2.25	4.97	3.20	2.51	0.848	0.618	0.474	1.18	0.560B	19
20	0.617	0.706	1.30	2.54	5.11	2.99	2.39	0.808	0.614	0.504	1.16	0.550B	20
21	0.588	0.716	1.27	2.68	5.39	2.76	2.23	0.778	0.618	0.480	1.08	0.530B	21
22	0.588	0.715	1.21	3.32	10.2	2.87	2.07	0.783	0.599	0.482	1.03	0.530B	22
23	0.592	0.732	1.20	4.44	11.8	3.40	1.96	0.845	0.595	0.725	0.976	0.510B	23
24	0.581	0.829	1.20	5.21	12.5	3.85	1.93	1.28	0.581	0.575	0.953	0.530B	24
25	0.575	1.07	1.19	12.1	14.0	3.17	2.23	0.975	0.574	0.540	0.945	0.560B	25
26	0.571	1.08	1.19	8.87	16.1	2.97	2.25	0.983	0.569	0.511	0.878	0.600B	26
27	0.569	1.08	1.16	8.07	17.0	2.95	2.02	0.882	0.573	0.498	0.858	0.610B	27
28	0.570	1.04	1.14	6.71	17.9	2.78	1.94	0.884	0.548	0.488	0.776	0.590B	28
29	0.640		1.14	6.23	18.2	2.71	1.84	0.810	0.540	0.488	0.747	0.570B	29
30	0.625		1.19	4.25	17.0	2.74	1.78	0.780	0.548	0.536	0.738	0.590B	30
31	0.629		1.18		12.8		1.67	0.755		0.630		0.610B	31
TOTAL	19.278	19.354	43.18	88.55	240.96	155.63	71.73	33.258	19.872	16.385	35.859	18.784	TOTAL
MEAN	0.622	0.691	1.39	2.95	7.77	5.19	2.31	1.07	0.658	0.528	1.20	0.606	MEAN
MAX	0.988	1.08	2.28	12.1	18.2	11.5	3.88	1.63	0.784	0.882	3.05	0.880	MAX
MIN	0.470	0.520	1.03	1.16	3.80	2.67	1.67	0.755	0.540	0.470	0.802	0.510	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.09
MAXIMUM DAILY, 18.2 ON MAY 29
MINIMUM DAILY, 0.470B ON JAN 2
MAXIMUM INSTANTANEOUS,
30.2 AT 23:50 MST ON MAY 29

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 05 32 N
LONG 116 27 04 W
DRAINAGE AREA, 78.7 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 870	JUL	6 200
FEB	1 870	AUG	2 870
MAR	3 730	SEP	1 700
APR	7 650	OCT	1 410
MAY	20 800	NOV	3 100
JUN	13 500	DEC	1 620

TOTAL DISCHARGE, 65 900 dam³

ARROW RESERVOIR AT FAUQUIER - STATION NO. 08NE102

DAILY WATER LEVEL IN METRES FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	40.265	36.041	33.187	31.211	31.178	34.383	40.026	44.510	44.005	44.483	42.249	42.108	1
2	40.183	35.975	33.085	31.152	31.148	34.815	40.215	44.530	44.041	44.439	42.289	42.083	2
3	40.014	35.826	32.974	31.065	31.138	35.273	40.408	44.513	44.088	44.351	42.384	42.095	3
4	39.853	35.685	32.867	30.950	31.181	35.885	40.595	44.481	44.105	44.282	42.477	42.085	4
5	39.689	35.547	32.824	30.867	31.172	35.975	40.787	44.431	44.137	44.280	42.567	42.057	5
6	39.600	35.783	32.836	30.881	31.189	36.233	40.997	44.426	44.131	44.258	42.578	42.027	6
7	39.191	35.690	32.836	30.950	31.280	36.556	41.223	44.434	44.099	44.269	42.519	41.945	7
8	38.842	35.618	32.868	31.207	31.302	36.942	41.397	44.427	44.107	44.268	42.408	41.827	8
9	38.593	35.556	32.929	31.361	31.308	37.314	41.583	44.447	44.158	44.211	42.288	41.824	9
10	38.376	35.504	33.048	31.370	31.294	37.674	41.738	44.456	44.221	44.087	42.172	41.904	10
11	38.168	35.441	33.189	31.332	31.316	38.027	41.914	44.461	44.248	43.945	42.088	41.848	11
12	37.930	35.386	33.336	31.234	31.330	38.274	42.392	44.468	44.239	43.781	41.993	41.784	12
13	37.736	35.237	33.458	31.095	31.338	38.453	42.893	44.450	44.263	43.604	41.930	41.784	13
14	37.547	35.015	33.551	30.918	31.337	38.669	43.469	44.417	44.283	43.427	41.883	41.867	14
15	37.376	34.785	33.644	30.804	31.312	38.917	43.787	44.385	44.295	43.248	41.858	41.842	15
16	37.283	34.613	33.681	30.871	31.274	39.208	43.992	44.318	44.290	43.078	41.825	41.809	16
17	37.172	34.449	33.672	30.944	31.264	39.436	44.157	44.248	44.302	42.983	41.778	41.279	17
18	37.088	34.286	33.686	30.983	31.327	39.609	44.310	44.231	44.296	42.844	41.712	41.189	18
19	36.954	34.073	33.580	30.980	31.373	39.707	44.488	44.226	44.285	42.722	41.678	41.144	19
20	36.828	33.948	33.434	30.998	31.383	39.749	44.545	44.221	44.248	42.605	41.689	41.132	20
21	36.734	33.858	33.284	30.954	31.432	39.785	44.541	44.196	44.254	42.494	41.681	41.101	21
22	36.623	33.770	33.085	30.928	31.473	39.781	44.511	44.147	44.268	42.396	41.707	41.053	22
23	36.587	33.697	32.892	30.716	31.498	39.730	44.456	44.077	44.302	42.309	41.776	41.025	23
24	36.506	33.621	32.695	30.787	31.559	39.718	44.397	44.048	44.334	42.259	41.853	41.018	24
25	36.462	33.532	32.487	30.842	31.584	39.761	44.510	44.033	44.356	42.244	42.003	40.922	25
26	36.438	33.478	32.248	30.937	31.595	39.780	44.482	44.026	44.382	42.223	42.074	40.833	26
27	36.409	33.417	32.030	31.020	32.180	39.742	44.488	44.029	44.420	42.222	42.116	40.736	27
28	36.364	33.398	31.812	31.076	32.484	39.701	44.505	44.014	44.467	42.209	42.131	40.603	28
29	36.308		31.597	31.112	32.584	39.703	44.501	44.003	44.495	42.193	42.130	40.478	29
30	36.217		31.371	31.154	33.318	39.832	44.508	44.001	44.494	42.176	42.122	40.334	30
31	36.126		31.284		33.682		44.501	44.000		42.201		40.188	31
MEAN	37.711	34.775	32.883	30.939	31.603	38.278	43.048	44.278	44.283	43.228	42.085	41.393	MEAN
MAX	40.265	36.041	33.672	31.370	33.682	39.832	44.545	44.530	44.495	44.483	42.578	42.108	MAX
MIN	36.126	33.398	31.284	30.680	31.138	34.383	40.026	44.000	44.005	42.176	41.681	40.188	MIN

WATER LEVELS IN METRES

MEAN, 38.734
MAXIMUM DAILY, 44.545 ON JUL 20
MINIMUM DAILY, 30.680 ON APR 15
MAXIMUM INSTANTANEOUS,
44.602 AT 23:57 PST ON JUL 19

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 388.340 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 52 20 N
LONG 118 04 48 W

REGULATED SINCE 1968

ARROW RESERVOIR AT HUGH KEENLEYSIDE DAM - STATION NO. 08NE103

DAILY WATER LEVEL IN METRES FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	40.386	36.133	33.242	31.235	31.249	34.382	40.097	44.575	44.080	44.509	42.358	42.228	1
2	40.265	36.066	33.133	31.187	31.217	34.841	40.290	44.583	44.108	44.581	42.388	42.206	2
3	40.104	36.013	33.023	31.115	31.198	35.336	40.489	44.588	44.153	44.450	42.488	42.215	3
4	39.935	35.978	32.922	30.988	31.222	35.747	40.678	44.549	44.193	44.402	42.569	42.191	4
5	39.746	35.934	32.885	30.903	31.239	36.062	40.874	44.501	44.230	44.370	42.855	42.189	5
6	39.478	35.882	32.900	30.841	31.243	36.301	41.074	44.491	44.216	44.370	42.858	42.139	6
7	39.174	35.776	32.895	31.083	31.307	36.617	41.297	44.505	44.202	44.379	42.610	42.054	7
8	38.938	35.705	32.918	31.275	31.362	36.894	41.441	44.504	44.209	44.373	42.503	42.018	8
9	38.684	35.641	32.980	31.401	31.372	37.348	41.641	44.520	44.246	44.313	42.378	42.034	9
10	38.440	35.587	33.121	31.415	31.384	37.892	41.822	44.524	44.298	44.198	42.276	42.025	10
11	38.217	35.505	33.284	31.374	31.383	38.048	41.861	44.511	44.338	44.036	42.183	41.973	11
12	38.011	35.442	33.411	31.284	31.387	38.309	42.430	44.524	44.343	43.880	42.080	41.903	12
13	37.826	35.317	33.529	31.124	31.395	38.486	43.042	44.512	44.363	43.686	42.012	41.867	13
14	37.638	35.080	33.620	30.944	31.382	38.704	43.540	44.474	44.385	43.498	41.980	41.793	14
15	37.474	34.862	33.711	30.818	31.361	38.852	43.875	44.451	44.394	43.327	41.928	41.841	15
16	37.362	34.688	33.733	30.694	31.324	39.245	44.075	44.382	44.393	43.180	41.906	41.820	16
17	37.285	34.498	33.746	30.578	31.328	39.471	44.244	44.311	44.408	43.047	41.887	41.387	17
18	37.162	34.323	33.719	30.516	31.405	39.684	44.402	44.319	44.410	42.922	41.868	41.271	18
19	37.058	34.110	33.602	30.518	31.442	39.782	44.573	44.290	44.389	42.802	41.779	41.251	19
20	36.925	33.998	33.482	30.562	31.450	39.811	44.615	44.295	44.349	42.701	41.775	41.236	20
21	36.816	33.929	33.328	30.632	31.504	39.846	44.618	44.280	44.352	42.603	41.770	41.202	21
22	36.702	33.837	33.140	30.705	31.528	39.818	44.593	44.217	44.389	42.492	41.808	41.188	22
23	36.681	33.788	32.929	30.793	31.549	39.789	44.532	44.145	44.401	42.408	41.873	41.128	23
24	36.606	33.683	32.728	30.834	31.601	39.774	44.575	44.100	44.431	42.357	41.986	41.108	24
25	36.554	33.589	32.482	30.698	31.728	39.834	44.579	44.111	44.450	42.357	42.113	41.024	25
26	36.523	33.535	32.258	31.004	31.950	39.851	44.523	44.112	44.495	42.327	42.188	40.923	26
27	36.501	33.474	32.030	31.091	32.212	39.821	44.553	44.118	44.585	42.328	42.222	40.844	27
28	36.450	33.346	31.798	31.142	32.581	39.788	44.571	44.085	44.583	42.323	42.254	40.698	28
29	36.404		31.575	31.180	32.950	39.788	44.574	44.088	44.805	42.308	42.248	40.567	29
30	36.314		31.374	31.331	33.362	39.804	44.578	44.082	44.807	42.283	42.247	40.420	30
31	36.222		31.304		33.878		44.587	44.082		42.310		40.255	31
MEAN	37.800	34.848	32.930	30.982	31.660	38.331	43.120	44.348	44.352	43.328	42.182	41.489	MEAN
MAX	40.386	36.133	33.746	31.415	33.878	39.804	44.618	44.583	44.807	44.509	42.588	42.228	MAX
MIN	36.222	33.346	31.304	30.516	31.198	34.382	40.087	44.082	44.080	42.283	41.770	40.255	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1983

MEAN, 38.810
MAXIMUM DAILY, 44.618 ON JUL 21
MINIMUM DAILY, 30.516 ON APR 18
MAXIMUM INSTANTANEOUS,
44.652 AT 08:00 PST ON JUL 20

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 20 18 N
LONG 117 46 14 W

REGULATED SINCE 1968

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 396.240 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

ARROW RESERVOIR AT NAKUSP - STATION NO. 08NE104

DAILY WATER LEVEL IN METRES FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	40.247	36.078	33.182	31.273	31.197	34.334	40.008	44.488	43.982	44.483	42.225	42.101	1
2	40.158	36.000	33.096	31.220	31.190	34.625	40.200	44.483	44.021	44.407	42.289	42.085	2
3	40.030	35.959	32.986	31.114	31.190	35.257	40.384	44.483	44.050	44.317	42.362	42.084	3
4	39.874	35.918	32.886	30.995	31.197	35.644	40.583	44.447	44.088	44.260	42.460	42.078	4
5	39.688	35.871	32.821	30.919	31.202	35.958	40.751	44.387	44.129	44.223	42.535	42.049	5
6	39.412	35.809	32.834	30.908	31.239	36.221	40.944	44.385	44.116	44.232	42.557	42.020	6
7	39.128	35.720	32.838	30.898	31.309	36.525	41.172	44.390	44.074	44.248	42.510	41.946	7
8	38.878	35.648	32.868	31.202	31.352	36.893	41.388	44.385	44.078	44.260	42.380	41.925	8
9	38.612	35.598	32.941	31.361	31.337	37.288	41.548	44.408	44.138	44.198	42.284	41.914	9
10	38.407	35.849	33.080	31.431	31.326	37.618	41.709	44.415	44.197	44.058	42.143	41.891	10
11	38.192	35.479	33.196	31.389	31.347	37.963	41.875	44.430	44.217	43.902	42.051	41.842	11
12	37.983	35.409	33.324	31.292	31.361	38.218	42.352	44.440	44.211	43.732	41.972	41.795	12
13	37.782	35.285	33.442	31.126	31.378	38.409	42.954	44.424	44.239	43.585	41.915	41.783	13
14	37.581	35.084	33.535	30.973	31.363	38.629	43.448	44.398	44.265	43.363	41.872	41.871	14
15	37.411	34.844	33.637	30.870	31.370	38.807	43.775	44.352	44.268	43.202	41.848	41.842	15
16	37.289	34.681	33.644	30.789	31.326	38.187	43.986	44.263	44.273	43.033	41.814	41.400	16
17	37.187	34.481	33.644	30.688	31.387	18.406	44.128	44.209	44.281	42.923	41.771	41.248	17
18	37.085	34.304	33.638	30.478	31.401	39.582	44.208	44.187	44.280	42.807	41.718	41.135	18
19	36.986	34.107	33.647	30.488	31.433	39.677	44.473	44.188	44.231	42.680	41.688	41.105	19
20	36.852	33.984	33.633	30.534	31.454	39.726	44.533	44.181	44.219	42.573	41.869	41.082	20
21	36.750	33.859	33.281	30.585	31.486	39.753	44.525	44.150	44.218	42.480	41.888	41.082	21
22	36.648	33.782	33.106	30.680	31.521	39.729	44.483	44.103	44.243	42.389	41.714	41.023	22
23	36.577	33.707	32.932	30.728	31.549	39.705	44.433	44.050	44.276	42.286	41.778	40.895	23
24	36.522	33.628	32.744	30.807	31.611	39.709	44.486	44.036	44.314	42.232	41.675	40.852	24
25	36.486	33.534	32.540	30.885	31.753	39.728	44.478	44.012	44.338	42.214	41.984	40.882	25
26	36.459	33.478	32.342	30.975	31.948	39 727	44.440	43.998	44.371	42.207	42.062	40.908	26
27	36.436	33.433	32 136	31.056	32.186	39.711	44.405	43.988	44.406	42.200	42.105	40.704	27
28	36.382	33.301	31.928	31.107	32.468	39.680	44 404	43.985	44.433	42.190	42.111	40.574	28
29	36.316		31.710	31.144	32.894	39.708	44.457	43.973	44.450	42.178	42.108	40.661	29
30	36.246		31.497	31.184	33.313	39.829	44.458	43.970	44.482	42.169	42.105	40.314	30
31	36.167		31.361		33.824		44.457	43.972		42.186		40.152	31
MEAN	37.734	34.802	32.907	30.968	31.642	38.251	43.019	44.245	44.228	43.189	42.052	41.374	MEAN
MAX	40.247	36.078	33.644	31.431	33.824	39.829	44.533	44.493	44.482	44.483	42.557	42.101	MAX
MIN	36.167	33.301	31.361	30.478	31.190	34.334	40.008	43.970	43.982	42.169	41.688	40.152	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1983

MEAN, 36.732
MAXIMUM DAILY, 44.533 ON JUL 20
MINIMUM DAILY, 30.478 ON APR 18
MAXIMUM INSTANTANEOUS,
44.577 AT 04:00 PST ON JUL 20

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 14 12 N
LONG 117 47 48 W

REGULATED SINCE 1968

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 396.240 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

ARROW RESERVOIR OUTFLOW - STATION NO. 08NE126

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	804	1 530	1 820	1 550	1 100	291	303	2 280	1 420	723	284	1 280	1
2	1 080	1 540	1 850	1 550	1 110	288	147	2 480	1 530	893	285	1 280	2
3	1 490	1 530	1 830	1 540	1 150	289	148	2 700	1 700	950	285	1 280	3
4	1 930	1 530	1 480	1 540	1 150	291	144	2 700	1 700	1 000	287	1 320	4
5	2 080	1 520	990	1 340	1 140	291	144	2 550	1 710	993	288	1 430	5
6	2 050	1 480	800	711	1 140	293	145	2 330	1 700	998	513	1 430	6
7	2 040	1 480	789	223	1 140	290	159	2 330	1 560	1 000	988	1 430	7
8	2 040	1 470	801	334	1 140	293	144	2 180	1 270	993	1 180	1 420	8
9	1 920	1 470	845	835	1 130	294	144	1 990	1 200	1 180	1 180	1 440	9
10	1 880	1 420	492	1 280	1 130	287	144	1 990	1 090	1 270	1 180	1 440	10
11	1 880	1 380	437	1 800	1 140	287	144	2 050	1 090	1 270	1 180	1 440	11
12	1 870	1 400	433	1 700	1 140	284	144	2 200	981	1 270	1 170	1 430	12
13	1 870	1 820	428	1 690	1 140	284	311	2 280	848	1 270	1 030	1 480	13
14	1 870	1 820	431	1 700	1 140	288	737	2 270	849	1 270	882	1 470	14
15	1 880	1 950	798	1 690	1 190	289	1 340	2 270	850	1 270	980	1 470	15
16	1 870	1 930	1 140	1 890	1 280	503	1 720	2 280	850	1 020	895	1 470	16
17	1 520	1 990	1 140	1 490	1 280	914	1 730	2 020	850	882	844	1 380	17
18	1 530	1 940	1 380	1 030	1 280	1 140	1 550	1 700	851	882	883	1 110	18
19	1 520	1 810	1 870	882	1 280	1 140	1 800	1 480	848	878	852	974	19
20	1 520	1 420	1 880	855	1 280	1 140	2 000	1 410	848	874	788	992	20
21	1 530	1 190	1 840	858	1 300	1 280	1 700	1 410	848	881	702	1 070	21
22	1 530	1 180	2 100	882	1 280	1 410	1 770	1 400	782	882	704	1 130	22
23	1 390	1 190	2 110	884	1 280	1 410	2 010	1 400	718	833	700	1 130	23
24	1 330	1 200	2 270	975	1 270	1 310	2 190	1 410	719	348	693	1 320	24
25	1 330	1 140	2 380	1 050	1 280	1 140	2 410	1 420	719	284	698	1 450	25
26	1 330	1 180	2 380	1 080	1 180	1 130	2 490	1 420	721	283	700	1 440	26
27	1 330	1 490	2 370	1 080	832	1 240	2 350	1 420	723	283	980	1 440	27
28	1 320	1 810	2 380	1 040	884	1 400	2 420	1 420	723	285	1 210	1 440	28
29	1 320		2 370	1 040	888	1 240	2 350	1 420	724	283	1 250	1 440	29
30	1 450		2 280	1 050	482	780	2 280	1 420	723	283	1 250	1 450	30
31	1 820		1 740		309		2 280	1 410		283		1 450	31
TOTAL	48 734	42 450	44 874	35 042	33 787	21 488	37 337	58 980	31 145	25 867	24 780	41 886	TOTAL
MEAN	1 800	1 520	1 440	1 170	1 090	716	1 200	1 900	1 040	828	825	1 340	MEAN
MAX	2 080	1 990	2 380	1 700	1 300	1 410	2 490	2 700	1 710	1 270	1 250	1 470	MAX
MIN	804	1 180	428	223	309	284	144	1 450	718	283	284	974	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1 220
MAXIMUM DAILY, 2 700 ON AUG 3
MINIMUM DAILY, 144 ON JUL 4

DATA CONTRIBUTED BY -
BRITISH COLUMBIA HYDRO AND POWER AUTHORITY

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 49 20 20 N
LONG 117 45 51 W

REGULATED SINCE 1968

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	4 300 000	JUL	3 230 000
FEB	3 670 000	AUG	5 100 000
MAR	3 880 000	SEP	2 690 000
APR	3 030 000	OCT	2 220 000
MAY	2 920 000	NOV	2 140 000
JUN	1 850 000	DEC	3 600 000

TOTAL DISCHARGE, 38 500 000 dam³

ASH RIVER BELOW MORAN CREEK - STATION NO. 08NE033

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.55	10.9	20.5	32.5	15.0	22.7	4.38	3.57	3.80	3.53	6.33	6.62	1
2	11.5	6.15	13.8	38.2	15.4	19.8	4.89	3.80	3.78	3.51	20.6	5.90	2
3	15.4	6.32	8.87	30.0	13.2	16.2	3.95	3.88	3.75	3.58	29.1	5.39	3
4	14.7	5.36	7.33	20.8	11.5	13.1	3.72	3.89	3.88	3.61	30.8	4.97	4
5	13.8	4.85	5.98	13.9	10.1	10.9	3.73	3.78	3.58	3.57	19.5	4.57	5
6	11.9	5.47	5.88	10.7	8.71	9.55	3.51	4.08	3.84	3.47	23.1	4.14	6
7	22.8	8.88	6.00	9.58	8.80	9.05	3.39	4.12	3.88	3.53	18.6	3.86	7
8	80.1	6.74	21.8	8.68	11.9	9.28	3.25	4.08	3.88	3.54	12.3	5.68	8
9	56.4	7.85	187	7.72	11.1	10.4	3.21	4.03	3.81	3.49	11.7	6.32	9
10	67.0	15.5	148	8.49	8.95	15.0	3.37	4.03	4.88	3.49	17.8	8.03	10
11	89.3	137	107	5.82	7.36	13.8	8.97	4.01	4.72	3.39	50.1	10.0	11
12	135	230	72.8	5.00	7.20	18.2	15.8	4.00	4.30	3.34	88.0	18.2	12
13	101	189	70.4	4.48	8.24	14.0	26.1	4.04	4.08	3.88	100	25.2	13
14	84.2	124	73.9	4.22	9.37	7.05	24.8	3.95	3.80	3.74	78.8	18.1	14
15	37.7	88.1	80.5	3.85	8.78	5.83	18.9	3.92	3.74	3.88	198	11.9	15
16	23.4	72.9	37.8	3.88	7.55	5.18	12.9	3.82	3.71	3.84	208	9.04	16
17	17.8	100	24.0	3.92	6.88	5.13	8.77	3.87	3.61	3.77	188	7.31	17
18	78.8	97.3	15.4	4.20	6.83	5.77	7.56	3.90	3.88	3.63	148	6.38	18
19	152	70.0	10.8	4.80	7.35	5.08	6.09	3.89	3.71	4.00	92.8	5.64	19
20	87.5	68.3	8.30	4.51	9.88	5.08	5.17	3.84	3.88	4.93	48.4	4.89	20
21	54.4	42.3	6.61	4.07	13.3	4.85	4.80	3.76	3.58	14.2	27.7	4.308	21
22	33.0	40.6	5.64	3.88A	17.1	4.40	3.78	3.75	3.52	13.3	19.0	4.208	22
23	22.3	78.2	5.25	4.00E	15.8	4.83	3.41	3.73	3.51	7.32	14.3	4.108	23
24	23.8	116	5.17	5.70E	22.1	4.46	3.27	3.73	3.57	9.14	20.4	4.008	24
25	85.0	85.6	5.07	5.80E	22.9	4.56	3.10	3.84	3.61	5.88	28.7	3.908	25
26	110	56.6	4.75	5.70E	21.3	4.71	3.25	3.81	3.88	10.0	23.9	3.888	26
27	108	42.8	5.23	11.0 A	18.3	4.29	3.80	3.80	3.81	10.6	23.0	3.81	27
28	74.1	31.1	5.41	10.2	15.4	4.23	4.04	4.01	3.49	7.50	15.6	3.32	28
29	42.2		11.2	10.6	22.1	4.28	3.94	4.22	3.47	5.94	10.8	3.18	29
30	25.2		34.1	12.3	25.7	4.18	3.85	4.18	3.60	6.83	8.17	4.90	30
31	18.1		38.4		26.9		3.70	3.91		8.70		8.43	31
TOTAL	1 830.65	1 742.82	1 015.68	300.98	421.78	288.58	215.32	120.62	112.95	188.27	1 844.80	218.81	TOTAL
MEAN	62.6	62.2	32.8	10.0	13.6	9.69	6.95	3.88	3.77	5.38	61.5	6.89	MEAN
MAX	152	230	187	38.2	26.9	22.7	26.1	4.22	4.72	14.2	208	26.2	MAX
MIN	5.55	4.85	4.75	3.88	6.83	4.18	3.10	3.57	3.47	3.34	6.33	3.18	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 21.2
MAXIMUM DAILY, 230 ON FEB 12
MINIMUM DAILY, 3.10 ON JUL 25
MAXIMUM INSTANTANEOUS,
285 AT 19:08 PST ON NOV 15

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 22 10 N
LONG 124 58 58 W
DRAINAGE AREA, 378 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1968

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	141 000	JUL	18 800
FEB	151 000	AUG	10 400
MAR	87 800	SEP	9 780
APR	28 000	OCT	14 400
MAY	38 400	NOV	133 000
JUN	33 000	DEC	18 700

TOTAL DISCHARGE, 870 000 dam³

ASHNOLA RIVER NEAR KEREMEOS - STATION NO. 08NL004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.788	1.708	1.93E	2.00E	5.47E	98.7E	28.5 E	6.02	4.71	2.88E	2.58E	1.65B	1
2	1.748	1.668	1.92	2.03E	5.18	80.0	28.7	7.38E	4.75E	2.88E	2.57E	1.60B	2
3	1.728	1.608	1.85E	2.05E	7.87	80.0	28.5 E	6.74	4.79E	2.68E	2.59E	1.64B	3
4	1.738	1.568	1.80	2.09E	8.75	57.7	28.2	6.60E	4.83E	2.86	2.61	1.58B	4
5	1.788	1.568	1.72E	2.12	9.10E	58.8	27.2 E	6.47	4.87	2.71E	3.44E	1.54B	5
6	1.828	1.568	1.66E	2.12	9.45E	84.2E	26.1	6.29E	4.27E	2.54	4.28	1.90B	6
7	1.858	1.568	1.56	2.12E	9.80	49.5	24.0 E	6.11E	3.86	2.52E	3.14	1.62B	7
8	1.868	1.608	1.68E	2.12	9.26E	125	22.0	5.94E	3.66E	2.49	2.82E	1.70B	8
9	1.908	1.628	1.80	2.05E	8.72	91.1E	21.0 E	5.76	3.66	2.41E	2.49	1.80B	9
10	1.908	1.668	1.77E	1.97E	8.72E	57.6	20.0 E	5.63E	4.51E	2.32E	2.49E	1.90B	10
11	1.908	1.788	1.74	1.90E	8.72	43.0E	19.1	5.50	5.36	2.24	2.49	1.92B	11
12	1.928	1.788	1.74E	1.82	8.24E	28.5	17.7 E	5.22E	5.38E	2.24E	2.49E	1.95B	12
13	1.908	1.708	1.74E	1.82E	9.75	27.1E	16.3	4.95E	5.38E	2.24	2.49E	2.00B	13
14	1.828	1.658	1.74	1.82	9.76	25.7	15.8 E	4.67E	5.38	2.24E	2.49E	2.03B	14
15	1.728	1.638	1.74E	1.85E	10.2	26.8E	14.9	4.40	4.84E	2.24	2.49	1.99B	15
16	1.762	1.638	1.74E	1.88	8.35	27.9E	16.2 E	5.52	4.33E	2.26E	2.82E	1.90B	16
17	1.808	1.638	1.74	3.80	8.24E	29.0	15.5 E	4.40	3.81E	2.29E	3.14	1.78B	17
18	1.638	1.83	1.74E	3.80E	10.1	26.5E	14.9	4.40	3.30	2.31E	2.49	1.85B	18
19	1.838	1.93E	1.74E	3.80	13.4 E	24.1E	14.1 E	4.08E	3.30E	2.34E	2.49	1.52B	19
20	1.768	1.84E	1.74E	3.84	16.7	21.7E	13.4	3.73	3.30	2.36	2.49E	1.42B	20
21	1.708	1.84	1.74	3.27E	23.1 E	19.2	14.1 E	3.72E	3.30E	2.36	2.48E	1.36B	21
22	1.648	1.98E	1.78E	2.61	28.6 E	20.7E	14.8	3.70E	3.30	2.49	2.49E	1.28B	22
23	1.648	1.96	1.84E	3.60E	36.0 E	22.1	14.1 E	3.69	3.17E	2.48E	2.42E	1.23B	23
24	1.688	2.01E	1.89E	4.68E	42.5 E	25.4E	13.3 E	4.12E	3.04E	2.48	2.42E	1.22B	24
25	1.698	2.04	1.94	5.56	48.0 E	28.7	12.6	4.55	2.91	2.48E	2.48E	1.30B	25
26	1.708	2.00E	1.82	6.75	55.4	28.7E	12.1 E	4.11E	2.90E	2.49	2.38E	1.40B	26
27	1.708	1.97E	1.85E	6.52E	70.9	28.7	11.6	3.67	2.89	2.49E	2.32E	1.43B	27
28	1.738	1.94	1.88	6.28E	80.1	28.7E	10.7 E	3.52E	2.89E	2.49	2.20E	1.35B	28
29	1.708		1.91E	6.04	108 E	28.7	9.76	3.60	2.89	2.51E	1.86E	1.30B	29
30	1.668		1.94E	5.75E	136	28.3	9.18E	3.97E	2.89E	2.52E	1.70E	1.45B	30
31	1.698		1.97E		117 E		8.60E	4.24E		2.54E		1.55B	31
TOTAL	54.86	49.49	55.85	98.11	935.39	1 292.1	645.74	154.89	118.21	78.85	77.84	49.88	TOTAL
MEAN	1.77	1.77	1.80	3.27	30.2	43.1	17.8	5.00	3.94	2.47	2.89	1.81	MEAN
MAX	1.92	2.04	1.97	6.75	135	125	28.7	8.02	5.36	2.88	4.28	2.03	MAX
MIN	1.64	1.56	1.56	1.82	8.19	18.2	8.60	3.60	2.89	2.24	1.70	1.22	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.61
MAXIMUM DAILY, 136 ON MAY 30
MINIMUM DAILY, 1.220 ON DEC 24

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 12 33 N
LONG 119 59 23 W
DRAINAGE AREA, 1 050 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	4 740	JUL	47 200
FEB	4 280	AUG	13 400
MAR	4 810	SEP	10 200
APR	8 480	OCT	6 820
MAY	80 800	NOV	6 710
JUN	112 000	DEC	4 310

TOTAL DISCHARGE, 304 000 dam³

ATLIN LAKE AT ATLIN - STATION NO. 08AA001

DAILY WATER LEVEL IN METRES FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	1.144E	1.318	1.900	2.488	2.693	2.322	1.982	1.863	1
2	---	---	---	---	1.142A	1.348	1.929	2.507	2.700	2.321	1.867	1.858	2
3	---	---	---	---	1.138A	1.389	1.959	2.517	2.711	2.318	1.955	1.850	3
4	---	---	---	---	1.134	1.387	1.983	2.533	2.717	2.318	1.945	1.840	4
5	---	---	---	1.178A	1.127	1.405	2.023	2.554	2.706	2.309	1.932	1.838	5
6	---	---	---	---	1.127	1.418	2.048	2.567	2.695	2.300	1.915	1.818	6
7	---	---	---	---	1.131	1.427	2.089	2.578	2.682	2.283	1.903	1.810A	7
8	---	---	---	---	1.139	1.442	2.097	2.590	2.668	2.285	1.889	---	8
9	---	---	---	---	1.143	1.458	2.123	2.606	2.651	2.284	1.879	---	9
10	---	1.372A	---	---	1.150	1.476	2.141	2.634	2.632	2.268	1.883	---	10
11	---	---	---	---	1.161	1.482	2.158	2.656	2.614	2.231	1.854	---	11
12	---	---	---	---	1.170	1.506	2.170	2.673	2.601	2.216	1.868	---	12
13	---	---	---	---	1.180	1.517	2.178	2.679	2.588	2.206	1.837	---	13
14	---	---	---	---	1.188	1.530	2.189	2.686	2.574	2.181	1.829	---	14
15	---	---	---	---	1.191	1.542	2.206	2.695	2.554	2.177	1.821	---	15
16	---	---	---	---	1.200	1.556	2.221	2.696	2.540	2.165	1.807	---	16
17	---	---	---	---	1.212	1.570	2.242	2.697	2.521	2.152	1.798	---	17
18	---	---	1.232A	---	1.209	1.586	2.260	2.689	2.504	2.145	1.789	---	18
19	---	---	---	---	1.213	1.607	2.279	2.685	2.484	2.128	1.780	---	19
20	---	---	---	---	1.225	1.628	2.293	2.679	2.473	2.117	1.771	---	20
21	---	---	---	---	1.238	1.641	2.313	2.673	2.464	2.103	1.763	1.670A	21
22	---	---	---	---	1.236	1.656	2.333	2.674	2.452	2.093	1.760A	---	22
23	---	---	---	---	1.238	1.677	2.347	2.682	2.443	2.081	1.761	---	23
24	---	---	---	---	1.239	1.701	2.362	2.693	2.440	2.075	1.730	---	24
25	---	---	---	---	1.244	1.726	2.376	2.694	2.422	2.083	1.722	---	25
26	---	---	---	---	1.248	1.758	2.391	2.696	2.408	2.052	1.711	---	26
27	---	---	---	---	1.252	1.756	2.407	2.694	2.394	2.044	1.705	---	27
28	---	---	---	---	1.256	1.812	2.428	2.690	2.377	2.032	1.694	---	28
29	---		---	---	1.263	1.836	2.448	2.688	2.363	2.018	1.683	---	29
30	---		---	---	1.274	1.887	2.482	2.691	2.344	2.004	1.674	---	30
31	---		---	---	1.290		2.483	2.693		1.990		---	31
MEAN	---	---	---	---	1.186	1.586	2.220	2.645	2.567	2.188	1.818	---	MEAN
MAX	---	---	---	---	1.290	1.887	2.483	2.696	2.717	2.328	1.982	---	MAX
MIN	---	---	---	---	1.127	1.318	1.900	2.488	2.344	1.990	1.674	---	MIN

WATER LEVELS IN METRES

MAXIMUM DAILY, 2.717 ON SEP 4
MINIMUM DAILY, 1.127 ON MAY 5
MAXIMUM INSTANTANEOUS,
2.734 AT 17:09 PST ON SEP 4

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 655.903 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1950 ADJ.)

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 59 34 30 N
LONG 133 42 31 W

A - MANUAL GAUGE

E - ESTIMATED

NATURAL FLOW

ATLIN RIVER NEAR ATLIN - STATION NO. 08AA006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	72.4E	49.5E	39.0E	32.4E	37.8E	41.4	94.2	172	202	149	103	72.4	1
2	71.8E	48.5E	38.5E	32.3E	37.8A	43.8	97.2	173	202	146	101	72.2	2
3	70.5E	49.0E	38.0E	32.3E	37.2A	45.7	100	176	205	145	99.8	71.6	3
4	69.0E	48.5E	37.5E	32.2A	37.0	47.2	104	177	205	146	98.7	70.4	4
5	67.5E	48.0E	37.0E	31.8E	36.8	48.7	106	180	204	145	97.5	69.7	5
6	67.0E	47.5E	36.5E	31.2E	36.8	49.8	110	182	203	143	95.8	68.8	6
7	65.0E	47.0E	36.0E	30.9E	36.8	50.8	113	184	200	141	94.5	68.0A	7
8	64.0E	46.8E	35.5E	30.6E	37.3	51.8	117	185	197	139	93.1	67.0E	8
9	63.0E	46.3E	35.0E	30.3E	37.8	53.2	120	188	195	137	92.1	64.5E	9
10	62.5E	45.8A	35.0E	30.2E	38.1	54.6	122	192	192	136	91.0	63.4E	10
11	62.0E	45.0E	34.8E	30.1E	38.8	56.0	125	196	189	134	89.6	62.5E	11
12	61.5E	44.3E	34.5E	30.0E	39.5	57.1	126	198	187	132	88.9	62.0E	12
13	61.0E	43.8E	34.8E	30.0E	30.3	58.0	127	199	185	131	87.8	61.0E	13
14	61.0E	42.8E	35.0E	29.9E	30.7	59.2	129	200	183	128	87.0	60.0E	14
15	61.0E	42.0E	35.0E	29.8E	31.1	60.2	131	202	180	127	86.1	59.0E	15
16	60.5E	41.5E	34.7E	29.5E	31.7	61.3	133	202	178	126	84.7	58.0E	16
17	60.0E	41.0E	34.3A	29.3E	32.6	62.6	136	202	176	124	83.6	57.0E	17
18	59.0E	41.0E	34.3E	29.3E	32.4	64.1	138	201	173	123	83.0	56.4E	18
19	57.5E	40.5E	34.7E	29.2E	32.7	66.1	141	200	170	121	82.2	56.2E	19
20	57.0E	40.5E	35.0E	29.0E	33.6	67.8	143	198	164	119	81.3	56.0E	20
21	56.0E	40.3E	34.5E	28.8E	33.9	69.3	145	198	157	117	80.5	55.8A	21
22	54.0E	40.5E	34.0E	28.6E	34.5	70.6	148	198	155	116	81.8A	54.5E	22
23	53.0E	40.7E	33.3E	28.5E	34.6	72.5	150	200	154	115	80.7	53.0E	23
24	52.5E	40.4E	32.7E	28.4E	34.8	74.8	152	202	153	114	78.9	52.0E	24
25	52.0E	40.3E	32.3E	28.2E	35.2	77.0	154	202	151	112	79.0	51.0E	25
26	51.5E	40.1E	32.0E	28.0E	35.6	80.1	156	202	150	111	77.6	50.5E	26
27	51.0E	40.0E	32.0E	27.9E	35.9	82.7	156	202	157	110	77.0	50.0E	27
28	50.5E	39.5E	31.6E	27.9E	36.2	85.2	161	201	156	109	76.2	49.5E	28
29	50.0E		32.0E	27.8E	36.6	87.6	164	201	152	107	74.6	49.0E	29
30	50.0E		32.0E	27.6E	37.7	90.6	166	201	150	106	73.9	48.0E	30
31	50.0E		33.3E		38.1		169	202		104		47.0E	31
TOTAL	1 842.4	1 221.8	1 073.8	892.0	980.3	1 890.0	4 137.4	5 016	5 385	3 913	2 601.9	1 837.2	TOTAL
MEAN	59.4	43.6	34.6	28.7	31.6	63.0	133	194	180	126	86.7	59.3	MEAN
MAX	72.4	49.5	39.0	32.4	38.1	90.6	169	202	205	149	103	72.8	MAX
MIN	50.0	38.5	31.8	27.6	36.8	41.4	94.2	172	150	104	73.9	47.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 87.1
MAXIMUM DAILY, 205 ON SEP 4
MINIMUM DAILY, 28.8 ON MAY 5
MAXIMUM INSTANTANEOUS,
207 AT 17:08 PST ON SEP 4

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 59 35 57 N
LONG 133 46 48 W
DRAINAGE AREA, 5 610 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	159 000	JUL	367 000
FEB	106 000	AUG	520 000
MAR	93 800	SEP	485 000
APR	77 100	OCT	336 000
MAY	84 700	NOV	225 000
JUN	183 000	DEC	159 000

TOTAL DISCHARGE, 2 750 000 dam³

ATNARKO RIVER NEAR THE MOUTH - STATION NO. 08FB006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.07	7.08	7.47	6.50	41.2	88.2	43.2	23.2	13.9	8.53	13.1	7.14	1
2	7.06	6.88	7.28	6.44	41.4	86.1	41.2	23.0	14.5	8.81	12.8	7.35	2
3	7.31	6.84	7.21	6.53	42.4	77.8	39.4	22.6	15.0	8.87	12.4	7.108	3
4	7.32	6.55	7.09	6.41	42.6	67.5	37.5	21.3	14.3	8.87	12.3	6.858	4
5	7.19	6.608	6.89	6.33	43.6	63.7	35.7	21.0	13.8	8.48	11.9	6.608	5
6	6.98	6.408	6.80	6.53	44.1	60.2	34.4	20.5	14.7	8.08	11.8	6.508	6
7	7.30	6.62	6.90	6.72	44.6	57.8	33.4	19.6	14.6	8.62	11.5	6.408	7
8	7.39	6.46	6.78	6.61	39.9	54.6	33.5	19.5	13.5	8.56	10.4	6.308	8
9	7.56	6.28	7.06	6.56	36.6	50.5	32.5	19.7	12.8	8.50	10.8	6.308	9
10	7.82	6.15	7.12	6.70	35.0	48.5	31.2	19.7	12.3	8.22	10.5	6.358	10
11	8.25	6.44	7.11	6.55	36.6	46.5	31.8	19.3	12.1	8.28	10.7	6.408	11
12	8.62	6.84	7.15	6.41	40.2	41.7	31.3	18.6	12.0	8.15	10.8	6.358	12
13	9.21	6.95	7.07	6.11	44.1	40.1	33.0	18.7	12.1	8.08	10.5	6.258	13
14	9.12	7.06	7.12	6.16	48.1	37.8	36.0	18.4	12.3	7.92	10.1	6.008	14
15	8.87	6.90	7.13	6.40	42.3	37.3	38.3	18.0	11.5	7.84	10.3	5.858	15
16	8.61	6.74	7.02	6.47	46.7	36.0	33.9	17.7	11.7	7.62	10.1	5.808	16
17	8.30	6.90	6.88	6.78	48.1	35.8	33.2	17.6	12.2	7.66	9.86	5.808	17
18	8.05	6.89	7.02	7.24	46.2	35.9	32.6	18.9	11.7	7.54	9.72	5.758	18
19	8.16	7.02	7.04	7.05	44.6	33.7	31.8	18.3	11.3	7.85	9.05	5.758	19
20	8.07	7.04	7.01	6.24	30.7	32.1	30.9	18.9	11.3	7.75	9.31	5.708	20
21	7.92	7.15	7.01	8.84	77.7	30.9	30.2	18.3	11.7	7.67	9.01	5.728	21
22	7.77	7.19	6.88	9.67	75.6	31.0	29.0	18.1	10.8	8.63	8.52	5.758	22
23	7.84	7.14	6.91	9.73	63.0	35.6	28.2	18.0	10.6	8.30	8.66	5.808	23
24	7.48	7.32	6.90	11.5	63.6	62.2	27.3	16.5	10.3	8.02	8.58	5.908	24
25	7.508	7.36	6.86	17.3	80.6	73.6	27.5	14.1	10.1	8.75	8.63	6.009	25
26	7.408	7.32	6.75	22.7	72.0	81.3	27.5	14.0	11.3	17.2	8.84	6.008	26
27	7.40	7.35	6.78	23.6	70.6	88.3	27.8	13.8	11.4	14.8	8.62	6.008	27
28	7.24	7.37	6.74	27.1	77.3	48.7	26.5	13.7	10.8	13.5	8.37	6.008	28
29	7.18		6.68	33.0	80.3	47.1	25.2	13.8	10.2	13.0	8.27	6.008	29
30	7.31		6.62	38.7	87.2	46.6	24.4	13.8	9.77	13.0	7.72	6.008	30
31	7.14		6.52		83.8		23.9	13.4		13.2		6.008	31
TOTAL	238.88	192.89	215.78	334.88	1 801.9	1 535.4	988.0	543.9	385.07	288.27	302.98	191.73	TOTAL
MEAN	7.70	6.89	6.96	11.2	58.1	51.2	31.9	17.5	12.2	8.55	10.1	6.18	MEAN
MAX	9.21	7.37	7.47	38.7	87.2	88.1	43.2	23.2	15.0	17.2	13.1	7.35	MAX
MIN	6.98	6.15	6.52	6.11	35.0	30.9	23.9	13.4	9.77	7.54	7.72	5.70	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 19.2
MAXIMUM DAILY, 88.1 ON JUN 2
MINIMUM DAILY, 5.708 ON DEC 20
MAXIMUM INSTANTANEOUS,
111 AT 07:05 PST ON JUN 2

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 21 39 N
LONG 126 00 10 W
DRAINAGE AREA, 2 430 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	20 700	JUL	85 400
FEB	16 700	AUG	47 000
MAR	18 800	SEP	31 500
APR	28 800	OCT	35 800
MAY	166 000	NOV	26 200
JUN	133 000	DEC	16 800

TOTAL DISCHARGE, 808 000 dam³

AVERILL CREEK NEAR DUNCAN - STATION NO. 08HA015

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	1.20	0.071	0.020	0.037	0.003	0.025E	---	---	---	1
2	---	---	---	0.771	0.071	0.017	0.017	0.007	0.030E	---	---	---	2
3	---	---	---	0.521E	0.059	0.014	0.007	0.003	0.018E	---	---	---	3
4	---	---	---	0.373	0.067	0.020	0.007	0.003	0.017	---	---	---	4
5	---	---	---	0.326	0.059	0.018	0.007	0.003	0.018	---	---	---	5
6	---	---	---	0.287	0.067	0.015	0.007	0.005	0.018	---	---	---	6
7	---	---	---	0.251	0.059	0.009	0.007	0.003	0.018	---	---	---	7
8	---	---	---	0.230	0.417	0.007	0.007	0.001E	0.010	---	---	---	8
9	---	---	---	0.205	0.071	0.007	0.007E	0	0.178	---	---	---	9
10	---	---	---	0.370	0.063	0.007	0.009	0	0.196	---	---	---	10
11	---	---	---	0.412	0.052	0.009E	0.022	0	0.071	---	---	---	11
12	---	---	---	0.287	0.045	0.009	0.023	0.001E	0.027	---	---	---	12
13	---	---	---	0.245	0.044	0.007	0.027	0	0.022E	---	---	---	13
14	---	---	---	0.225	0.043	0.006	0.013	0	0.015	---	---	---	14
15	---	---	---	0.196	0.095	0.005	0.014	0 E	0.014	---	---	---	15
16	---	---	---	0.176	0.068	0.010	0.010	0 E	0.010	---	---	---	16
17	---	---	---	0.154	0.058	0.023	0.010	0 E	0.014	---	---	---	17
18	---	---	---	0.136	0.056	0.017	0.006	0	0.052	---	---	---	18
19	---	---	---	0.124	0.037	0.015	0.007	0	0.022	---	---	---	19
20	---	---	---	0.118	0.037E	0.014	0.006	0.001	0.018	---	---	---	20
21	---	---	0.315	0.109	0.038	0.010	0.008E	0.001E	0.018	---	---	---	21
22	---	---	---	0.104	0.030	0.008	0.005	0.001	0.014	---	---	---	22
23	---	---	---	0.101	0.029	0.015	0.001	0	0.010	---	---	---	23
24	---	---	---	0.170	0.027	0.013	0.007	0.001	0.010	---	---	---	24
25	---	---	---	0.121	0.023	0.018	0.005	0.001	0.014	---	---	---	25
26	---	---	---	0.135	0.017	0.017	0.005	0.001	0.014	---	---	---	26
27	---	---	---	0.109	0.021	0.008	0.005	0.001	0.010	---	---	---	27
28	---	---	---	0.108	0.018	0.008	0.004	0.001	0.010	---	---	---	28
29	---		---	0.093	0.014	0.023	0.001	0.007	0.007	---	---	---	29
30	---		---	0.083	0.014	0.014E	0.001	0.007E	0.007	---	---	---	30
31	---		---		0.022		0.007	0.007		---		---	31
TOTAL	---	---	---	7.808	1.812	0.383	0.300	0.057	0.676	---	---	---	TOTAL
MEAN	---	---	---	0.280	0.058	0.013	0.010	0.002	0.029	---	---	---	MEAN
MAX	---	---	---	1.20	0.417	0.023	0.027	0.007	0.196	---	---	---	MAX
MIN	---	---	---	0.083	0.014	0.006	0.001	0	0.007	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 0 ON AUG 9

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - MANUAL
LOCATION - LAT 48 47 50 N
LONG 123 42 48 W
DRAINAGE AREA, 17.1 km²

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	25.8
FEB	---	AUG	4.92
MAR	---	SEP	75.7
APR	875	OCT	---
MAY	187	NOV	---
JUN	33.1	DEC	---

S.F. CREEK ABOVE VERNON INTAKE - STATION NO. 08HM030

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.084A	0.085A	0.305A	0.815	2.31	1.71	0.388	0.203A	0.160	0.075	0.084	0.088A	1
2	0.084A	0.088A	0.285A	0.813	2.84	1.46	0.437	0.188A	0.321	0.074	0.106	0.088A	2
3	0.088A	0.082A	0.275	0.781	3.38	1.29	0.404	0.182A	0.181	0.074	0.101	0.0898	3
4	0.085A	0.081B	0.279	0.741	3.21	1.06	0.382	0.138A	0.158	0.074	0.089	0.0788	4
5	0.084A	0.0898	0.287	0.705	3.15	0.811	0.336	0.121	0.249	0.072	0.083	0.0809	5
6	0.088A	0.0978	0.277	0.631	2.30	0.635	0.341	0.110	0.182	0.088	0.088	0.083A	6
7	0.088A	0.084B	0.313	0.848	2.83	0.770	0.338	0.124	0.162	0.087	0.085	0.080A	7
8	0.080A	0.080A	0.380	0.955	3.80	0.726	0.417	0.113	0.139	0.086	0.082	0.082A	8
9	0.088A	0.080A	0.657	0.872	3.15	0.893	0.482	0.103	0.097	0.087	0.082	0.083A	9
10	0.070A	0.080A	1.44	0.858	1.98	0.701	0.378	0.110	0.121	0.085	0.084	0.083A	10
11	0.081A	0.084A	1.48	0.797	1.82	0.635	0.358	0.148	0.187	0.084	0.081	0.080A	11
12	0.081A	0.088A	1.17	0.784	1.71	0.594	0.378	0.147	0.198	0.083	0.088	0.080A	12
13	0.081A	0.078A	0.867	0.721	1.71	0.511	0.484	0.137	0.145	0.084	0.085	0.080A	13
14	0.081A	0.072A	0.841	0.708	1.72	0.480	0.402	0.136	0.134	0.084	0.088	0.080A	14
15	0.081A	0.070A	0.780	0.730	1.78	0.582	0.385	0.117	0.117	0.082	0.114	0.080A	15
16	0.081A	0.076A	0.764	0.783	1.87	0.514	0.372	0.110	0.107	0.082	0.120	0.080A	16
17	0.078A	0.081A	0.740	0.801	1.84	0.543	0.404A	0.110	0.108	0.078	0.134	0.080A	17
18	0.070A	0.111A	0.690	1.08	1.80	0.524	0.328A	0.118	0.104	0.078	0.125	0.0588	18
19	0.070A	0.113A	0.655	1.19	1.88	0.483	0.318A	0.108	0.088	0.078	0.118	0.0558	19
20	0.070A	0.116A	0.635	1.23	1.72	0.488	0.302A	0.103	0.095	0.081	0.112	0.0538	20
21	0.072A	0.116A	0.635	1.46	1.89	0.625	0.280A	0.108	0.087	0.078	0.107	0.0518	21
22	0.073A	0.122A	0.640	1.67	1.88	0.518	0.237	0.113	0.083	0.081	0.102	0.050A	22
23	0.072A	0.158A	0.628	1.80	2.08	0.498	0.228	0.111	0.088	0.077	0.100	0.043A	23
24	0.072A	0.288F	0.638	2.56	2.33	0.578	0.248	0.112	0.088	0.073	0.102	0.041A	24
25	0.070A	0.430A	0.676	3.55	2.38	0.530	0.284A	0.127	0.081	0.071	0.103	0.041A	25
26	0.074A	0.360A	0.703	3.03	2.23	0.488	0.319A	0.120	0.080	0.072	0.102	0.0418	26
27	0.127A	0.338A	0.780	3.17	2.15	0.428	0.291A	0.122	0.078	0.071	0.104	0.0418	27
28	0.103A	0.333A	0.780	2.81	2.27	0.395	0.268A	0.117	0.078	0.088	0.097	0.041E	28
29	0.094A		0.769	2.38	2.38	0.389	0.260A	0.115	0.078	0.085	0.093	0.0408	29
30	0.081A		0.851	2.38	2.32	0.387	0.194A	0.118	0.078	0.087	0.082A	0.0488	30
31	0.088A		0.810		2.02		0.180A	0.106		0.087		0.0518	31
TOTAL	2.384	3.612	21.043	62.702	64.66	20.486	10.428	3.837	3.814	2.307	2.987	1.943	TOTAL
MEAN	0.078	0.129	0.678	1.43	2.08	0.682	0.336	0.124	0.130	0.071	0.099	0.063	MEAN
MAX	0.127	0.430	1.45	3.03	3.84	1.71	0.482	0.203	0.321	0.087	0.134	0.083	MAX
MIN	0.070	0.070	0.257	0.705	1.68	0.395	0.180	0.103	0.078	0.082	0.082	0.040	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.483
MAXIMUM DAILY, 3.03 ON APR 26
MINIMUM DAILY, 0.0400 ON DEC 30
MAXIMUM INSTANTANEOUS,
4.13 AT 08:12 PST ON APR 26

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 15 03 N
LONG 119 12 30 W
DRAINAGE AREA, 85.7 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	294	JUL	901
FEB	312	AUG	332
MAR	1 820	SEP	336
APR	3 880	OCT	191
MAY	5 580	NOV	258
JUN	1 770	DEC	168

TOTAL DISCHARGE, 15 800 dam³

SABINE LAKE AT TOPLEY LANDING - STATION NO. 08EC003

DAILY WATER LEVEL IN METRES FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	1.432	---	---	---	---	---	1
2	---	---	---	---	0.932	1.440	---	---	---	---	---	---	2
3	0.800	---	0.765	---	---	---	---	---	---	---	---	---	3
4	---	---	---	0.717	---	---	---	---	---	1.082	---	---	4
5	---	---	---	---	1.026	---	1.468	1.512	---	---	---	---	5
							---	---	1.218	---	---	---	
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	0.784	0.738	0.716	1.092	---	1.442	1.489	---	---	---	---	7
8	---	---	---	---	---	1.454	---	---	---	---	0.928	---	8
9	---	---	---	---	1.180	---	1.474	1.472	---	---	---	---	9
10	0.782	---	0.744	---	---	1.464	---	1.472	---	---	---	---	10
							---	---	---	1.018	---	---	
11	---	---	---	0.713	---	---	1.464	---	---	---	---	---	11
12	---	---	---	---	1.242	---	1.468	---	1.168	---	---	---	12
13	---	---	---	---	---	1.454	---	---	---	---	---	---	13
14	---	0.780	0.739	---	1.282	---	1.522	---	---	---	---	---	14
15	---	---	---	---	---	1.456	1.528	1.488	---	---	---	---	15
16	---	---	---	---	1.318	---	1.536	---	---	---	---	---	16
17	---	---	0.736	---	---	1.462	1.536	---	---	0.880	0.914	---	17
18	---	---	---	0.718	---	---	1.544	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	1.134	---	---	---	19
20	0.772	---	---	---	---	1.434	1.546	---	---	---	---	0.810	20
21	---	0.788	0.733	---	---	---	---	---	---	---	0.912	---	21
22	---	---	---	---	---	1.429	1.564	1.368	---	---	---	---	22
23	---	---	---	0.744	1.412	---	---	---	---	---	---	---	23
24	0.767	0.788	0.728	0.762	---	---	---	---	---	---	---	---	24
25	---	---	---	0.782	---	---	1.548	---	---	0.950	---	---	25
26	---	---	---	---	1.425	---	---	---	1.094	---	---	0.790	26
27	---	---	---	---	---	1.425	---	---	---	---	---	---	27
28	---	---	0.718	0.824	1.420	---	1.541	---	---	---	0.890	---	28
29	---	---	---	---	1.420	1.426	1.548	1.382	---	---	---	---	29
30	---	---	---	---	1.424	---	---	---	---	---	---	---	30
31	0.780	---	---	---	---	---	1.538	---	---	0.948	---	---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

WATER LEVELS IN METRES

MAXIMUM DAILY, 1.554 ON JUL 22
MINIMUM DAILY, 0.713 ON APR 11

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 709.933 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - MANUAL
LOCATION - LAT 94 49 25 N
LONG 139 09 20 W

NATURAL FLOW

SABINE RIVER AT SABINE - STATION NO. 08EC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	19.28	18.88	18.0E	15.0	28.8	85.8	85.8	73.1	49.8	35.4	27.3	24.2	1
2	19.18	18.68	18.0E	15.0	28.8	88.1	85.8	73.2	50.2	35.8	27.8	23.8	2
3	19.08	18.78	18.0E	14.7	31.0	86.1	85.8	72.0	47.8	35.4	28.4	23.6	3
4	18.98	18.78	18.1E	14.8	32.3	88.6	86.1	71.7	47.2	35.0	28.3	23.5	4
5	18.88	18.88	18.1E	15.0	34.3	88.9	85.9	70.8	47.0	34.3	27.4	23.1	5
6	18.78	18.88	18.1E	14.8	36.7	88.4	85.3	70.3	47.7	34.0	27.3	22.2	6
7	18.88	18.88	18.1E	14.8	38.7	88.4	78.2	69.0	48.8	34.3	27.2	22.1	7
8	18.88	18.88	18.2E	14.4	41.3	88.8	78.1	68.1	46.4	33.7	27.4	21.5	8
9	18.48	18.48	18.2E	14.4	43.8	88.8	71.2	67.2	46.0	33.0	27.2	21.4	9
10	18.38	18.48	18.2E	14.4	46.0	88.4	71.9	66.3	44.8	32.3	26.8	21.6	10
11	18.18	18.88	18.2E	14.3	48.0	87.9	72.8	64.7	44.1	32.3	27.2	21.8	11
12	18.08	18.88	18.2E	14.3	50.1	87.7	72.8	64.7	44.0	32.0	26.7	21.6	12
13	17.98	18.78	18.2E	14.4	51.8	87.7	72.0	63.9	43.9	31.4	26.4	21.8	13
14	17.88	18.88	18.1E	14.4	53.6	87.2	73.1	62.8	43.8	31.3	26.8	21.0A	14
15	17.78	18.2E	18.1E	14.4	54.4	87.9	73.4	62.8	43.3	31.4	26.8	20.9B	15
16	17.78	18.8E	18.0E	14.8	56.0	87.8	73.9	62.8	42.3	31.1	26.8	20.8B	16
17	17.78	18.2A	18.0E	14.9	57.4	88.6	74.4	60.4	41.7	30.9	26.4	20.9B	17
18	17.88	18.8E	18.0E	14.6	58.0	88.3	74.2	60.2	41.3	32.0	26.6	20.8B	18
19	17.88	18.8E	18.0E	15.0	59.2	84.8	74.1	59.4	41.1	31.4	25.7	20.8B	19
20	17.58	18.8E	18.8E	15.1	60.2	85.8	74.4	57.4	40.6	30.8	25.8	20.78	20
21	17.48	18.8E	18.7E	15.8	60.8	86.7	75.2	58.7	40.2	31.0	25.8	20.78	21
22	17.38	18.8E	18.8E	15.9	61.8	84.8	75.9	58.1	40.2	30.7	25.8	20.8B	22
23	17.28	18.8A	18.8E	15.4	62.7	84.4	75.2	58.7	39.8	30.0	25.7	20.8B	23
24	17.18	18.3	18.4E	16.7	63.8	83.9	75.8	54.8	40.8	31.3	24.8	20.8B	24
25	17.08	18.3A	18.3E	17.4	64.1	84.8	75.8	54.3	41.2	30.4	25.8	20.8B	25
26	16.88	18.2	18.2E	18.8	64.3	85.2	75.8	53.8	38.9	28.8	25.7	20.4B	26
27	16.68	18.4	18.2E	19.8	64.2	84.7	75.8	53.3	37.6	29.3	25.1	20.4B	27
28	16.68	18.1	18.2E	21.3	64.8	84.8	75.9	51.8	37.3	29.8	24.8	20.4B	28
29	16.08		18.1E	22.9	63.1	84.7	75.2	51.8	38.8	29.3	24.4	20.4B	29
30	16.08		18.1E	25.3	63.8	85.3	74.2	51.4	36.2	28.2	24.8	20.4B	30
31	16.68		18.0E		64.8		74.1	50.4		27.8		20.4B	31
TOTAL	592.1	458.8	489.9	483.8	1 810.3	1 908.3	2 243.9	1 911.8	1 285.7	984.0	791.8	693.2	TOTAL
MEAN	17.8	16.4	15.8	15.1	51.9	88.8	72.4	61.7	42.8	31.7	26.4	21.4	MEAN
MAX	19.2	18.8	18.2	25.3	85.9	85.8	78.2	73.2	50.2	35.8	28.4	24.2	MAX
MIN	16.8	16.8	15.8	14.3	28.8	83.8	85.8	50.4	36.2	27.8	24.4	20.4	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 30.8
MAXIMUM DAILY, 78.2 ON JUL 21
MINIMUM DAILY, 14.3 ON APR 11
MAXIMUM INSTANTANEOUS,
78.8 AT 18:18 PST ON JUL 22

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 93 19 26 N
LONG 139 37 48 W
DRAINAGE AREA, 8 480 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	47 700	JUL	194 000
FEB	38 600	AUG	165 000
MAR	42 300	SEP	111 000
APR	41 800	OCT	85 000
MAY	130 000	NOV	68 400
JUN	173 000	DEC	57 300

TOTAL DISCHARGE, 1 100 000 dam³

SABINE RIVER AT OUTLET OF NILKITKWA LAKE - STATION NO. 08EC013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	20.1	17.2	16.6	15.8	62.4	84.5	78.5	79.1	51.0	35.5	27.9	23.8	1
2	19.5	17.2	16.5	15.9	64.1	83.0	77.7	79.5	50.9	35.1	28.0	23.3	2
3	19.5	17.2	16.6	15.8	65.7	80.0	77.6	81.0	49.3	35.1	28.0	22.9	3
4	19.4	17.1	16.4	15.8	65.9	85.6	78.7	78.2	48.3	35.8	28.2	22.6	4
5	19.0	17.1	16.3	16.2	66.3	84.0	80.9	78.2	47.3	35.4	28.7	22.3	5
6	18.9	17.1	16.3	16.4	67.7	80.9	79.5	75.0	46.7	34.6	28.1	22.1	6
7	18.4	17.1	16.4	16.2	80.2	79.6	82.2	73.3	46.3	33.7	28.4	22.2	7
8	18.2	17.0	16.5	16.2	86.2	78.0	83.2	72.0	47.3	33.6	28.1	22.4	8
9	18.6	16.9	16.6	16.4	83.9	78.0	80.9	70.3	46.9	33.2	27.8	22.3	9
10	18.4	16.9	16.6	16.5	80.3	79.0	80.5	69.0	44.7	32.6	27.1	21.6	10
11	18.2	17.1	16.6	16.3	80.9	78.2	80.1	68.2	44.3	32.2	27.1	21.5	11
12	18.2	17.6	16.3	16.2	81.5	76.8	80.1	67.1	44.1	31.8	26.9	21.5	12
13	18.7	17.5	16.1	16.3	83.6	76.0	80.6	66.6	44.3	31.2	26.3	21.3	13
14	18.6	17.6	16.2	16.4	86.0	74.7	86.0	65.3	44.8	30.6	26.2	21.6	14
15	18.2	17.5	16.3	16.6	87.0	75.6	80.3	64.6	43.6	30.6	26.2	21.3	15
16	17.8	17.1	16.1	17.0	88.8	76.0	86.0	65.3	43.7	30.6	26.7	21.0	16
17	17.8	17.0	16.1	17.5	70.3	74.7	87.1	64.1	43.1	30.2	26.8	21.2	17
18	17.8	16.9	16.2	18.2	88.8	72.8	87.0	62.7	42.2	31.0	27.5	21.1	18
19	17.7	16.8	16.2	18.2	70.1	70.7	86.6	62.2	41.8	31.5	27.1	21.0	19
20	17.7	16.9	16.2	20.0	73.3	71.7	86.0	59.7	41.3	31.1	26.2	21.0	20
21	17.3	16.8	16.3	21.7	76.4	72.1	88.6	58.7	41.4	30.8	25.5	21.1	21
22	17.1	16.6	16.0	24.1	76.0	70.4	88.7	57.6	40.8	30.9	25.3	21.1	22
23	17.2	16.9	15.8	26.1	77.0	89.6	88.2	57.3	40.7	29.9	25.5	20.9	23
24	17.3	17.0	15.7	28.0	77.1	89.7	88.8	56.8	41.6	30.3	24.9	21.0	24
25	17.4	16.6	15.7	30.7	77.2	70.2	87.5	56.3	43.0	30.3	24.9	21.2	25
26	17.6	16.6	15.6	35.0	78.5	73.0	87.2	56.3	43.9	29.3	25.2	21.3	26
27	17.5	16.6	15.6	38.5	75.4	72.6	86.7	54.7	40.8	28.7	24.6	21.3	27
28	17.6	16.6	15.6	38.6	78.3	70.8	86.2	53.3	38.4	28.9	24.3	21.2	28
29	17.6		15.6	40.8	80.3	71.7	83.6	53.8	37.4	28.9	24.1	21.1	29
30	17.5		15.6	43.2	84.7	74.6	81.4	53.0	36.6	28.7	24.0	21.2	30
31	17.3		15.9		85.1		80.4	52.3		28.3		21.3	31
TOTAL	568.3	477.3	500.8	659.6	2 029.4	2 287.2	2 663.9	2 008.4	1 319.8	980.1	797.6	670.9	TOTAL
MEAN	18.3	17.0	16.2	22.0	65.5	76.6	85.9	64.8	44.0	31.6	25.6	21.6	MEAN
MAX	20.1	17.6	16.6	43.2	85.1	93.0	93.2	81.0	51.0	35.6	28.2	23.8	MAX
MIN	17.1	16.6	15.6	15.8	43.4	69.6	77.6	52.3	36.6	28.3	24.0	20.9	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 41.0
MAXIMUM DAILY, 93.2 ON JUL 8
MINIMUM DAILY, 15.6 ON MAR 27
MAXIMUM INSTANTANEOUS,
98.4 AT 16:55 PST ON JUL 7

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 25 30 N
LONG 126 42 10 W
DRAINAGE AREA, 6 780 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	48 900	JUL	229 000
FEB	41 200	AUG	174 000
MAR	43 300	SEP	114 000
APR	57 000	OCT	84 700
MAY	175 000	NOV	68 900
JUN	198 000	DEC	58 000

TOTAL DISCHARGE, 1 290 000 dam³

BAEZAEKO RIVER AT LOT 10262 - STATION NO. 08KE003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.9000	0.7740	0.9000	0.8358	1.58	1.38	8.19	5.08	1.68	1.70	2.37	1.37 B	1
2	0.8808	0.7788	0.8808	0.8408	1.85	1.33	7.81	4.84	2.08	1.80	2.25	1.35 B	2
3	0.8700	0.7728	0.8608	0.8438	1.72	1.88	7.74	4.40	2.21	1.83	2.23	1.33 B	3
4	0.8858	0.7788	0.8408	0.8478	1.77	2.00	7.13	4.17	1.98	1.83	2.18	1.32 B	4
5	0.8608	0.7808	0.8388	0.8558	1.73	1.95	8.21	3.78	1.84	1.78	2.088	1.30 B	5
6	0.8558	0.7808	0.8208	0.8588	1.73	1.88	5.42	3.52	1.83	1.78	2.038	1.25 B	6
7	0.8488	0.7808	0.8008	0.8608	1.83	1.88	5.08	3.34	1.84	1.74	2.008	1.15 B	7
8	0.8458	0.7838	0.7928	0.8858	1.81	2.01	5.04	3.12	1.82	1.68	1.998	1.11 B	8
9	0.8408	0.7858	0.7858	0.8708	1.78	2.00	5.08	3.41	1.80	1.69	1.878	1.09 B	9
10	0.8358	0.7908	0.7888	0.8758	1.71	1.87	4.80	3.38	1.77	1.68	1.808	1.06 B	10
11	0.8308	0.7958	0.8008	0.8808	1.68	1.83	4.14	3.03	1.83	1.83	1.838	1.05 B	11
12	0.8238	0.7888	0.8148	0.8958	1.84	1.80	3.89	2.71	2.03	1.87	1.808	1.03 B	12
13	0.8208	0.8008	0.8188	0.9008	1.81	1.78	4.00	2.56	2.08	1.88	1.808	1.00 B	13
14	0.8198	0.8008	0.8208	0.9108	1.80	1.88	4.22	2.48	1.81	1.87	1.778	0.8808	14
15	0.8188	0.8008	0.8328	0.9208	1.81	1.83	5.67	2.38	1.84	1.85	1.788	0.8108	15
16	0.8158	0.8078	0.8308	0.9258	1.82	1.87	8.18	2.38	1.82	1.81	1.788	0.7858	16
17	0.8138	0.8158	0.8308	0.9458	1.81	1.72	7.73	2.33	2.08	1.72	1.678	0.7358	17
18	0.8108	0.8198	0.8308	0.9838	1.80	2.30	6.90	2.23	2.28	1.87	1.858	0.7008	18
19	0.8008	0.8228	0.8288	0.9758	1.88	2.82	5.94	2.13	2.28	1.82	1.848	0.8508	19
20	0.7908	0.8358	0.8308	0.9908	1.87	2.82	5.98	2.03	2.15	1.80	1.808	0.8008	20
21	0.7888	0.8528	0.8268	1.00 B	1.58	2.46	12.0	2.00	2.07	1.78	1.888	0.8858	21
22	0.7858	0.8592	0.8208	1.00 B	1.54	3.33	13.6	1.95	2.00	1.87	1.678	0.5808	22
23	0.7838	0.8858	0.8108	1.00 B	1.49	3.20	10.8	1.90	1.91	1.90	1.538	0.5058	23
24	0.7808	0.8928	0.8058	1.01 B	1.45	3.45	9.37	1.87	1.83	1.81	1.528	0.4888	24
25	0.7788	0.9008	0.8078	1.01 B	1.42	8.82	8.98	1.81	1.77	1.83	1.518	0.4858	25
26	0.7848	0.8108	0.8108	1.08	1.41	9.19	8.38	1.78	1.75	1.82	1.508	0.4808	26
27	0.7808	0.8158	0.8158	1.24	1.41	8.83	8.80	1.74	1.72	2.03	1.498	0.4158	27
28	0.7788	0.8268	0.8178	1.38	1.38	8.32	7.94	1.70	1.70	1.98	1.478	0.3808	28
28	0.7778		0.8208	1.48	1.40	7.04	7.38	1.87	1.70	1.95	1.428	0.3508	29
30	0.7768		0.8258	1.84	1.38	7.81	6.80	1.88	1.89	1.89	1.388	0.3408	30
31	0.7768		0.8308		1.32		6.68	1.88		2.15		0.3308	31
TOTAL	25.318	23.048	25.540	29.581	48.13	98.49	221.30	83.78	57.38	55.80	53.24	25.385	TOTAL
MEAN	0.817	0.823	0.824	0.985	1.56	3.28	7.14	2.87	1.91	1.79	1.77	0.818	MEAN
MAX	0.900	0.928	0.900	1.84	1.83	9.19	13.6	5.08	2.28	2.15	2.37	1.37	MAX
MIN	0.776	0.774	0.782	0.835	1.32	1.28	3.99	1.88	1.68	1.61	1.38	0.330	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.05
MAXIMUM DAILY, 13.6 ON JUL 22
MINIMUM DAILY, 0.3308 ON DEC 31
MAXIMUM INSTANTANEOUS,
14.8 AT 01:40 PST ON JUL 22

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 62 59 10 N
LONG 133 48 10 W
DRAINAGE AREA, 992 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	3 100	JUL	19 100
FEB	1 990	AUG	7 150
MAR	2 210	SEP	4 980
APR	2 550	OCT	4 800
MAY	4 240	NOV	4 000
JUN	8 510	DEC	2 190

TOTAL DISCHARGE, 84 800 dam³

BAKER CREEK AT QUESNEL - STATION NO. 08KE016

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.01 B	1.15B	1.31B	2.21E	6.80	2.17	7.30E	9.10E	2.13	1.57	2.75	1.80 B	1
2	1.00 B	1.18B	1.33B	2.24E	6.74	2.03	8.40E	8.00E	2.00	1.49	3.14	1.78 B	2
3	0.999B	1.21B	1.35B	2.27	6.23	2.17	9.00E	7.45E	1.94	1.58	3.64	1.76 B	3
4	0.990B	1.22B	1.36B	2.32	5.88	2.24	8.30E	6.68	1.87	1.66	3.28	1.73 B	4
5	0.995B	1.24B	1.37B	2.63	5.73	2.40	7.10E	5.90	1.76	1.65	2.81	1.70 B	5
6	0.997B	1.24B	1.38B	2.88	5.20	2.43	7.00E	5.36	1.67	1.81	2.65	1.64 B	6
7	0.999B	1.25B	1.37B	3.30	5.34	2.59	7.10E	5.05	1.66	1.77	2.57	1.60 B	7
8	1.00 B	1.25B	1.37B	3.87	5.05	2.47	7.00E	4.84	1.65	1.78	2.51	1.55 B	8
9	1.00 B	1.25B	1.38B	3.97	5.00	2.71	6.50E	4.49	1.56	1.73	2.46	1.50 B	9
10	1.00 B	1.25B	1.39B	4.21	4.91	2.44	6.00E	4.49	1.58	1.71	2.35	1.47 B	10
11	1.00 B	1.25B	1.42B	3.62	4.82	2.28	5.95E	4.17	1.83	1.69	2.24	1.42 B	11
12	1.00 B	1.26B	1.44B	3.66	4.12	2.51	6.10E	3.86	2.13	1.67	2.23	1.37 B	12
13	1.00 B	1.27B	1.46B	3.51	3.87	2.65	6.40E	3.76	2.08	1.67	2.59	1.32 B	13
14	1.00 B	1.27B	1.48B	3.54	3.49	2.62	7.40E	3.61	2.07	1.66	2.38	1.25 B	14
15	1.00 B	1.28B	1.49B	3.65	3.96	2.70	8.00E	3.28	1.94	1.65	2.30	1.19 B	15
16	1.00 B	1.29B	1.50B	4.08	3.66	3.21	9.00E	2.78	1.75	1.63	2.32	1.08 B	16
17	1.00 B	1.28B	1.53B	4.31	3.17	2.68	9.60E	2.69	1.85	1.65	2.38	0.990B	17
18	1.00 B	1.27B	1.54B	4.78	3.37	3.04	9.40E	2.61	1.96	1.78	2.70	0.960B	18
19	1.01 B	1.28B	1.55E	6.59	3.81	3.51	8.80E	2.55	1.89	1.75	2.46	0.925B	19
20	1.02 B	1.25B	1.56E	7.85	3.55	3.99	9.40E	2.42	1.83	1.80	2.16	0.885B	20
21	1.02 B	1.25B	1.57E	8.47	3.86	4.47	9.80	2.38E	1.85	1.82	2.21	0.850B	21
22	1.02 B	1.26B	1.59E	9.42	3.84	4.30E	11.0 E	2.31E	1.86	1.80	2.19	0.835B	22
23	1.03 B	1.27B	1.62E	9.66	3.54	4.00E	12.2 E	2.25E	1.92	1.78	2.02	0.820B	23
24	1.04 B	1.28B	1.67E	9.59	3.42	3.75E	14.0 E	2.20	2.04	1.71	1.98B	0.815B	24
25	1.05 B	1.29B	1.70E	9.56	3.26	4.25E	15.5 E	1.98	2.01	1.73	1.97B	0.805B	25
26	1.06 B	1.28B	1.78E	9.80	2.92	6.20E	14.2 E	2.12	1.94	1.82	1.96B	0.780B	26
27	1.07 B	1.29B	1.81E	9.49	2.78	6.00E	13.5 E	1.99	1.93	2.00	1.94B	0.780B	27
28	1.08 B	1.29B	1.86E	8.24	2.82	7.40E	12.8 E	1.81	1.87	2.16	1.92B	0.772B	28
29	1.10 B		1.97E	7.88	2.51	7.60E	12.0 E	1.85	1.76	2.35	1.89B	0.765B	29
30	1.12 B		2.07E	7.95	2.47	6.60E	10.8 E	2.13	1.64	2.46	1.84B	0.755B	30
31	1.13 B		2.14E		2.36		10.0 E	2.17		2.62		0.745B	31
TOTAL	31.739	35.13	48.36	165.72	127.91	105.39	289.55	116.16	56.07	56.13	71.84	36.652	TOTAL
MEAN	1.02	1.25	1.56	5.52	4.13	3.51	9.34	3.75	1.87	1.81	2.39	1.18	MEAN
MAX	1.13	1.29	2.14	9.80	6.80	7.80	15.5	9.10	2.13	2.62	3.64	1.80	MAX
MIN	0.980	1.15	1.31	2.21	2.36	2.03	5.95	1.81	1.56	1.49	1.84	0.745	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.13
MAXIMUM DAILY, 15.5E ON JUL 25
MINIMUM DAILY, 0.745B ON DEC 31

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - MANUAL
LOCATION - LAT 52 59 16 N
LONG 122 31 12 W
DRAINAGE AREA, 1 570 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	2 740	JUL	25 000
FEB	3 040	AUG	10 000
MAR	4 180	SEP	4 840
APR	14 300	OCT	4 850
MAY	11 100	NOV	6 210
JUN	9 110	DEC	3 170

TOTAL DISCHARGE, 98 500 dam³

BARNES CREEK NEAR NEEDLES - STATION NO. 08NE077

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.786	0.751	1.37	2.27	11.7	27.0	6.00	2.59	1.66	1.48	1.48	1.13	1
2	0.827	0.741	1.33	2.37	11.9	26.0	7.20	2.42	2.11	1.47	1.66	1.49	2
3	0.877	0.746	1.34	2.32	12.0	22.1	6.97	2.26	2.05	1.44	1.89	1.51	3
4	0.862	0.725	1.46	2.31	11.6	18.3	5.97	2.16	2.16	1.44	2.55	1.46	4
5	0.853	0.620	1.46	2.37	12.9	16.0	5.43	2.04	3.43	1.38	2.16	1.39	5
6	0.856	0.585	1.45	2.46	13.6	15.2	6.28	1.93	2.55	1.34	2.00	1.25	6
7	0.848	0.822	1.48	2.97	15.0	15.7	6.43	1.81	2.30	1.32	1.90	1.25	7
8	0.875	0.828	1.53	3.05	14.2	16.0	5.34	1.86	2.19	1.30	1.82	1.35	8
9	0.845	0.759	1.97	2.83	12.4	15.1	4.89	2.05	2.19	1.29	1.78	1.44	9
10	0.881	0.752	3.10	2.74	12.0	14.3	4.38	1.80	2.38	1.27	1.75	1.40	10
11	0.921	0.756	3.40	2.80	12.2	12.6	4.30	3.48	3.09	1.25	1.78	1.37	11
12	0.900	0.898	2.93	2.48	12.4	11.1	4.82	4.82	2.90	1.23	1.77	1.32	12
13	0.845	0.922	2.74	2.44	13.0	10.3	6.39	2.98	2.61	1.22	1.76	1.29	13
14	0.818	0.885	2.62	2.44	13.0	10.2	5.54	2.50	2.48	1.20	1.78	1.29	14
15	0.789	0.837	2.47	2.80	13.9	12.9	5.44	2.28	2.32	1.17	1.88	1.25	15
16	0.784	0.843	2.37	2.88	16.0	12.7	5.11	2.12	2.29	1.13	2.13	1.18	16
17	0.827	0.888	2.34	3.19	16.2	12.0	4.93	2.03	2.20	1.21	2.28	0.791	17
18	0.825	0.909	2.28	3.96	16.0	11.3	4.32	1.92	2.15	1.23	2.16	0.870B	18
19	0.820	0.902	2.18	4.73	15.6	9.40	3.98	1.84	2.06	1.24	2.01	0.985	19
20	0.801	0.971	2.14	6.50	16.8	9.35	4.00	1.74	2.00	1.35	1.91	0.854	20
21	0.796	0.988	2.07	8.20	21.2	8.66	3.95	1.66	1.96	1.36	1.87	0.819	21
22	0.790	0.977	2.04	7.17	22.4	7.92	3.55	1.61	1.90	1.77	1.63	0.890B	22
23	0.795	1.02	2.01	9.23	24.6	7.88	3.30	1.58	1.83	1.62	1.78	0.970B	23
24	0.789	1.21	2.01	13.5	27.7	8.43	3.13	1.57	1.77	1.37	1.76	1.00 B	24
25	0.779	1.52	2.00	14.6	26.8	8.27	3.62	1.73	1.72	1.35	1.73	0.965B	25
26	0.788	1.42	2.04	12.8	28.4	7.31	3.88	1.81	1.67	1.35	1.71	1.01 B	26
27	0.824	1.42	2.12	11.7	28.1	6.86	3.19	2.04	1.64	1.34	1.71	1.00 B	27
28	0.784	1.41	2.10	10.7	31.3	6.53	3.81	2.33	1.59	1.28	1.63	0.985B	28
29	0.776		2.21	10.6	33.6	6.50	3.38	1.95	1.55	1.24	1.48	0.995B	29
30	0.785		2.25	11.3	33.6	6.97	2.95	1.81	1.53	1.29	1.31	1.01 B	30
31	0.786		2.26		29.6		2.72	1.87		1.55		1.03 B	31
TOTAL	25.506	26.085	65.07	166.32	583.5	373.66	144.78	66.48	64.27	41.47	55.32	35.505	TOTAL
MEAN	0.823	0.932	2.10	5.54	18.8	12.5	4.67	2.14	2.14	1.34	1.84	1.15	MEAN
MAX	0.921	1.52	3.40	14.6	33.6	27.0	7.20	4.82	3.43	1.77	2.55	1.51	MAX
MIN	0.765	0.585	1.33	2.27	11.6	6.50	2.72	1.57	1.53	1.13	1.31	0.791	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.52
MAXIMUM DAILY, 33.6 ON MAY 29
MINIMUM DAILY, 0.585 ON FEB 6
MAXIMUM INSTANTANEOUS,
40.9 AT 20:59 PST ON MAY 29

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 54 27 N
LONG 118 07 31 W
DRAINAGE AREA, 201 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	2 200	JUL	12 500
FEB	2 250	AUG	5 740
MAR	5 620	SEP	5 550
APR	14 400	OCT	3 580
MAY	50 400	NOV	4 780
JUN	32 300	DEC	3 070

TOTAL DISCHARGE, 142 000 dam³

BARRIERE RIVER AT THE MOUTH - STATION NO. 08LB030

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.00	2.18	5.34	11.8	37.9	97.4	30.6	14.4	6.83	3.90	13.7	7.66	1
2	2.93	2.28	3.76	11.9	37.7	88.5	30.4	15.0	11.5	3.72	14.8	7.66	2
3	2.76	1.80	4.43	12.3	40.4	79.9	32.7	14.4	10.2	3.72	15.2	7.70	3
4	2.74	1.70	4.74	12.2	40.8	74.4	30.8	14.1	10.1	3.87	14.8	7.74	4
5	2.78	1.70	4.79	9.48	42.6	83.0	28.2	10.4	8.06	3.83	15.2	6.84	5
6	3.20	1.88	4.95	10.8	41.0	53.7	26.8	9.20	6.80	3.33	15.4	6.84	6
7	2.76	2.24	5.05	11.4	40.1	58.3	23.0	8.92	6.77	3.88	14.3	6.89	7
8	2.84	1.88	5.50	10.8	40.0	54.6	25.9	8.26	5.78	4.01	14.6	6.81	8
9	2.81	1.90	7.00E	11.5	40.1	52.3	22.4	8.02	5.84	4.11	13.1	6.24	9
10	2.76	1.58	7.96	11.8	38.4	48.3	22.4	8.92	4.89	4.22	11.9	6.68	10
11	2.89	2.50	7.97	11.4	38.9	49.2	30.8	7.45	5.78	4.27	10.9	6.05	11
12	2.96	2.84	8.38	11.3	38.6	38.5	34.8	7.88	6.80	3.98	10.0	6.37	12
13	2.60	1.94	8.20	10.4	35.3	37.0	38.8	7.18	6.05	3.90	10.1	6.41	13
14	2.36	1.82	8.04	11.0	36.4	37.7	34.7	6.84	5.92	3.48	10.2	6.37	14
15	2.10	3.08	8.87	11.3	35.4	40.2	34.9	6.80	5.78	3.48	10.3	6.84	15
16	2.00	2.84	11.1	11.3	35.7	40.4	31.1	7.45	5.30	3.44	12.2	6.88	16
17	1.84	2.50	10.8	11.8	37.5	39.9	28.4	7.38	5.82	3.38	15.4	6.81	17
18	2.55	2.84	10.8	13.9	38.7	40.7	28.0	6.81	4.63	4.22	14.7	6.71	18
19	2.36	2.89	10.2	14.1	41.3	41.0	22.8	6.84	4.32	4.71	13.6	6.83	19
20	2.42	2.89	10.4	15.7	41.7	38.8	20.8	6.83	4.29	4.88	12.2	3.81	20
21	2.34	2.72	10.4	21.3	53.1	40.5	20.8	6.84	4.53	4.01	12.1	3.41	21
22	2.72	2.93	9.48	27.0	53.8	35.9	19.5	6.89	4.88	4.63	13.4	3.38	22
23	2.16	2.86	9.17	26.9	53.7	34.8	18.5	6.71	6.11	5.00	13.6	3.308	23
24	2.14	3.17	9.76	36.1	62.1	37.4	17.0	6.45	6.52	6.94	13.9	3.188	24
25	2.22	3.41	9.87	39.5	67.9	37.4	16.6	6.32	6.58	6.71	13.1	3.108	25
26	2.16	4.06	8.86	43.8	67.4	28.4	15.8	6.11	6.58	6.84	12.1	3.088	26
27	2.26	4.87	10.4	42.4	67.0	28.4	15.7	3.83	3.98	6.53	11.8	3.068	27
28	2.28	5.00	11.1	40.4	73.5	28.4	15.4	3.85	3.98	7.70	10.7	3.128	28
29	2.30		11.2	40.0	67.0	33.7	15.1	3.90	4.22	7.86	11.8	3.178	29
30	2.48		12.2	36.8	66.6	30.6	14.1	3.77	4.44	8.53	8.02	3.288	30
31	2.86		12.0		86.2		14.0	3.80		8.82		3.338	31
TOTAL	78.25	73.58	283.51	597.18	1 943.5	1 613.8	788.2	215.11	172.72	165.50	385.82	143.93	TOTAL
MEAN	2.52	2.63	8.50	19.9	49.8	47.1	24.4	6.87	5.75	6.88	12.9	4.84	MEAN
MAX	3.20	5.00	12.2	43.8	86.2	88.5	38.8	15.0	11.5	8.82	15.4	7.74	MAX
MIN	1.84	1.58	3.76	9.48	35.3	28.4	14.0	3.77	3.80	3.33	8.02	3.08	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 15.8
MAXIMUM DAILY, 88.5 ON JUN 2
MINIMUM DAILY, 1.58 ON FEB 10

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 10 48 N
LONG 120 07 50 W
DRAINAGE AREA, 1 140 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	8 780	JUL	65 300
FEB	6 380	AUG	16 700
MAR	22 600	SEP	14 900
APR	51 600	OCT	12 600
MAY	133 000	NOV	33 300
JUN	122 000	DEC	12 400

TOTAL DISCHARGE, 500 000 dam³

BARRIERE RIVER BELOW SPRAGUE CREEK - STATION NO. 08LB059

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.748	1.818	4.07	5.85	28.1	86.2	28.4	8.95	3.08E	3.32E	8.83	4.78	1
2	1.708	1.828	3.86	5.83	28.4	72.6	27.2	7.30	3.70E	3.24E	8.89	4.82	2
3	1.818	1.718	3.38	5.90E	28.0	71.3	28.8	6.89	8.23	3.28E	8.83	4.37	3
4	1.908	1.718	3.67	5.82	28.1	67.2	27.7	6.89	4.25	3.30E	7.20	3.85	4
5	2.008	1.758	3.81	5.85	29.1	68.1	22.0	8.20E	5.44	3.07E	7.79	4.48	5
6	2.10	1.858	3.03	5.72	30.7	46.3	21.0 E	5.78E	5.29	2.98E	7.84	3.77	6
7	2.2 E	2.058	2.70	5.89	32.1	47.3	20.3	5.50E	4.71	2.82E	7.49	3.89	7
8	2.35E	2.26	3.80	5.60	36.4	46.3	18.6	5.35E	4.85	2.84E	7.38E	3.45	8
9	2.65E	2.21E	4.72	5.64	38.4	46.0	20.6	5.22E	5.44	2.98E	7.20	4.01	9
10	2.80E	2.08E	5.27	5.77	37.7	40.7	19.5	5.25E	5.39	3.02E	6.23	3.73	10
11	2.65E	2.01E	5.45	5.84	36.4	38.3	28.1	5.45E	3.49	3.03E	6.13E	3.45	11
12	2.65E	1.86E	5.50	5.18	33.5	37.0	30.3	5.80E	4.90	3.00E	5.90E	3.40B	12
13	2.65B	1.85E	5.81	5.50	33.2	33.9	29.3	5.35E	4.03	2.97E	5.83	3.35B	13
14	2.61B	1.85	6.18	5.27	35.1	36.5	25.5	5.20E	5.18	2.91E	5.90	3.32B	14
15	2.60B	1.80	6.23	5.41	34.6	33.2	25.6	4.95E	4.25	2.74E	4.95E	3.30B	15
16	2.34B	1.88	6.33	5.86	37.7	34.6	22.9	4.65E	4.85	2.70E	4.90E	3.31B	16
17	2.27B	1.98	6.83	5.83	38.8	42.9	21.8	4.75E	4.21	3.00E	4.85	3.21B	17
18	2.38B	2.26	6.72	5.89	31.0	45.2	20.3	4.80	3.93	3.21E	5.05	3.30B	18
19	2.48B	2.07	6.18	6.05	31.7	32.2	18.8	4.40E	4.08	3.37E	6.88	3.06B	19
20	2.83B	1.82	6.50	9.18	33.4	33.0	18.9 E	4.20E	4.38E	3.22E	7.93	2.86B	20
21	2.42B	2.10	6.03	12.6	38.4	33.8	15.6	4.25E	4.28E	3.00E	7.90E	2.90B	21
22	2.20B	1.98	6.85	16.4	40.7	28.9	11.2	4.15E	4.10E	4.78E	7.78	2.41B	22
23	2.10B	2.18	6.95	17.2	43.5	28.7	11.6	3.95E	3.83E	5.60E	7.48E	2.35B	23
24	2.08B	2.04	6.11	25.8	51.0	29.8	11.6	3.85E	3.94E	6.08E	7.25E	2.31B	24
25	2.09B	1.82	6.78	24.6	58.8	26.6	11.7	3.80E	3.98E	6.25E	7.07	2.24B	25
26	2.11B	2.80	6.27	27.2	61.5	25.2	12.3	3.48E	3.91E	6.00E	6.30E	2.22B	26
27	2.18B	4.22	6.85	27.1	58.1	23.5	11.3	3.35E	3.50E	5.80E	6.83	2.24B	27
28	2.23B	4.00	6.07	26.0	55.7	24.0	11.6	3.42E	3.60E	6.80E	6.83	2.27B	28
29	2.30B		6.87	25.6	58.6	22.2	9.25	3.48E	3.68E	6.80E	6.15	2.29B	29
30	2.10B		6.85	25.6	55.6	24.2	9.32	3.41E	3.48E	6.08E	4.95	2.35B	30
31	1.98B		6.85		54.5		8.61	3.30E		5.18E		2.38B	31
TOTAL	69.69	60.45	185.58	347.80	1 229.8	1 203.3	606.78	150.73	129.80	112.88	195.59	98.78	TOTAL
MEAN	2.25	2.16	5.02	11.6	39.7	40.1	19.6	4.86	4.33	3.64	6.53	3.19	MEAN
MAX	2.85	4.22	6.95	27.2	55.6	86.2	30.3	8.95	8.23	6.80	8.89	4.78	MAX
MIN	1.76	1.71	2.70	5.18	23.2	22.2	8.61	3.30	3.06	2.70	4.90	2.22	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 11.9
MAXIMUM DAILY, 86.2 ON MAY 30
MINIMUM DAILY, 1.708 ON JAN 2

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 14 50 N
LONG 119 55 50 W
DRAINAGE AREA, 924 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	6 040	JUL	52 600
FEB	5 220	AUG	13 000
MAR	13 600	SEP	11 200
APR	30 900	OCT	9 750
MAY	105 000	NOV	15 900
JUN	104 000	DEC	8 530

TOTAL DISCHARGE, 376 000 dam³

BEAR CREEK AT THE MOUTH - STATION NO. 08LG084

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.1008	0.1218	0.1318	0.190	2.29	1.18	0.434	0.144	0.137	0.095	0.124	0.1388	1
2	0.1038	0.1208	0.1388	0.178	2.38	1.06	0.575	0.132	0.613	0.095	0.178	0.1278	2
3	0.1038	0.1048	0.1428	0.178	2.27	1.08	0.588	0.121	0.427	0.098	0.224	0.1458	3
4	0.1058	0.0988	0.1488	0.183	2.28	1.07	0.469	0.113	0.298	0.098	0.247	0.1308	4
5	0.1018	0.0938	0.1428	0.188	2.40	0.971	0.428	0.104	0.331	0.098	0.218	0.1348	5
6	0.1088	0.1108	0.1388	0.285	2.59	0.907	0.388	0.101	0.251	0.088	0.188	0.1348	6
7	0.1288	0.1208	0.1458	0.380	2.71	0.834	0.421	0.092	0.190	0.087	0.181	0.1308	7
8	0.1258	0.1308	0.1508	0.404	2.85	0.799	0.395	0.091	0.156	0.098	0.189	0.1338	8
9	0.1258	0.1408	0.1558	0.379	2.80	0.731	0.463	0.109	0.141	0.095	0.153	0.1488	9
10	0.1188	0.1408	0.1908	0.389	2.82	0.864	0.399	0.132	0.140	0.095	0.150	0.1488	10
11	0.1108	0.1318	0.1558	0.354	2.91	0.582	0.339	0.288	0.191	0.092	0.158	0.1478	11
12	0.1008	0.1208	0.169	0.341	2.78	0.552	0.317	0.245	0.183	0.094	0.178	0.1508	12
13	0.0888	0.1208	0.199	0.371	2.98	0.534	0.342	0.188	0.159	0.092	0.187	0.1808	13
14	0.0928	0.1258	0.200	0.400	2.81	0.481	0.434	0.153	0.139	0.104	0.155	0.1588	14
15	0.0998	0.1378	0.194	0.482	3.01	0.758	0.458	0.124	0.128	0.142	0.153	0.1508	15
16	0.1038	0.1318	0.190	0.577	3.18	0.874	0.539	0.113	0.131	0.134	0.185	0.1308	16
17	0.1108	0.1228	0.185	0.722	3.22	0.830	0.483	0.102	0.209	0.132	0.234	0.1028	17
18	0.1208	0.1018	0.181	0.842	3.18	0.833	0.387	0.091	0.227	0.172	0.238	0.0978	18
19	0.1298	0.1108	0.184	1.18	2.95	0.544	0.330	0.087	0.199	0.188	0.220	0.0908	19
20	0.1298	0.1178	0.184	1.40	2.57	0.882	0.322	0.078	0.170	0.152	0.203	0.0808	20
21	0.1218	0.1108	0.1828	1.87	3.30	0.880	0.284	0.072	0.158	0.151	0.202	0.0728	21
22	0.1138	0.1088	0.1788	2.04	2.72	0.894	0.252	0.070	0.167	0.148	0.182	0.0768	22
23	0.1108	0.1078	0.1788	2.24	2.56	0.820	0.229	0.068	0.151	0.144	0.189	0.0738	23
24	0.1148	0.198	0.1788	2.21	2.15	0.851	0.218	0.102	0.131	0.134	0.182	0.0718	24
25	0.1218	0.224	0.1888	2.35	1.88	0.888	0.230	0.147	0.123	0.133	0.187	0.0608	25
26	0.1388	0.188	0.193	2.45	1.52	0.898	0.221	0.109	0.114	0.147	0.171	0.1038	26
27	0.1368	0.1208	0.198	2.71	1.34	0.578	0.199	0.100	0.107	0.148	0.177	0.0908	27
28	0.1188	0.1238	0.188	2.58	1.28	0.486	0.200	0.096	0.105	0.138	0.171	0.0848	28
29	0.1188		0.183	2.45	1.18	0.440	0.188	0.095	0.101	0.134	0.1508	0.0898	29
30	0.1238		0.187	2.30	0.992	0.472	0.157	0.088	0.095	0.128	0.1528	0.1258	30
31	0.1238		0.192		1.14		0.151	0.081		0.128		0.1388	31
TOTAL	3.521	3.581	5.337	32.884	73.612	21.921	10.809	3.815	5.872	3.770	5.441	3.841	TOTAL
MEAN	0.114	0.128	0.172	1.09	2.38	0.731	0.349	0.117	0.188	0.122	0.181	0.117	MEAN
MAX	0.138	0.224	0.200	2.71	3.30	1.18	0.575	0.288	0.613	0.172	0.247	0.158	MAX
MIN	0.088	0.088	0.131	0.178	0.992	0.440	0.151	0.068	0.095	0.092	0.124	0.071	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.476
MAXIMUM DAILY, 3.30 ON MAY 21
MINIMUM DAILY, 0.068 ON AUG 23
MAXIMUM INSTANTANEOUS,
3.51 AT 08:36 PST ON MAY 21

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 05 40 N
LONG 118 58 57 W
DRAINAGE AREA, 85.0 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	304	JUL	934
FEB	309	AUG	312
MAR	461	SEP	490
APR	2 820	OCT	326
MAY	6 380	NOV	470
JUN	1 890	DEC	315

TOTAL DISCHARGE, 15 000 dam³

BEAR CREEK AT SOMERS ROAD NEAR ALBERNI - STATION NO. 08HB073

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	1.72	0.801	0.341	0.801	0.320	0.375	---	0.388	---	1
2	---	---	---	2.13	0.585	0.382	0.605	0.388	0.388	---	---	---	2
3	---	---	---	1.32	0.580	0.382	0.492	0.358	0.370	---	---	---	3
4	---	---	---	1.08	0.572	0.388	0.480	0.318	0.404	---	---	---	4
5	---	---	---	1.00	0.572	0.370	0.454	0.312	0.438	0.270	---	---	5
6	---	---	---	0.938	0.578	0.382	0.438	0.328	0.450	---	---	---	6
7	---	---	---	0.887	0.572	0.388	0.428	0.324	0.400	---	---	---	7
8	---	---	---	0.878	0.564	0.378	0.417	0.324	0.383	---	---	---	8
9	---	---	---	0.805	0.558	0.383	0.396	0.320	0.391	---	---	---	9
10	---	---	---	0.780	0.555	0.387	0.370	0.316	0.382	---	---	---	10
11	---	---	---	0.787	0.555	0.378	0.391	0.320	0.383	---	---	---	11
12	---	---	---	0.745	0.551	0.383	0.428	0.328	0.375	---	---	---	12
13	---	---	---	0.723	0.564	0.391	0.425	0.316	0.368	---	---	---	13
14	---	---	---	0.700	0.564	0.404	0.448	0.312	0.370	---	---	---	14
15	---	---	---	0.858	0.588	0.408	0.408	0.320	0.379	---	---	---	15
16	---	---	---	0.858	0.563	0.417	0.382	0.324	0.370	---	---	---	16
17	---	---	---	0.848	0.528	0.450	0.388	0.328	0.375	---	---	---	17
18	---	---	---	0.846	0.488	0.467	0.333	0.220	0.370	---	---	---	18
19	---	---	---	0.835	0.448	0.475	0.388	0.318	0.388	---	---	---	19
20	---	---	---	0.848	0.388	0.487	0.333	0.303	0.382	---	---	---	20
21	---	---	1.10	0.827	0.289	0.487	0.328	0.307	0.370	---	---	---	21
22	---	---	---	0.822	0.333	0.475	0.320	0.318	0.388	---	---	---	22
23	---	---	---	0.822	0.341	0.505	0.318	0.320	0.349	---	---	---	23
24	---	---	---	0.827	0.365	0.488	0.312	0.320	0.341	---	---	---	24
25	---	---	---	0.836	0.412	0.488	0.320	0.324	0.341	---	---	---	25
26	---	---	---	0.858	0.349	0.484	0.324	0.318	0.333	---	---	---	26
27	---	---	---	0.843	0.345	0.475	0.318	0.303	0.337	---	---	---	27
28	---	---	---	0.831	0.349	0.480	0.324	0.337	0.345	---	---	---	28
29	---		---	0.822	0.341	0.488	0.320	0.381	0.341	---	---	---	29
30	---		---	0.827	0.333	0.492	0.328	0.438	0.341	---	---	---	30
31	---		---		0.337		0.318	0.380		---	---	---	31
TOTAL	---	---	---	24.375	14.682	12.785	11.857	10.239	11.096	---	---	---	TOTAL
MEAN	---	---	---	0.813	0.474	0.426	0.382	0.330	0.370	---	---	---	MEAN
MAX	---	---	---	2.13	0.801	0.505	0.505	0.438	0.450	---	---	---	MAX
MIN	---	---	---	0.806	0.289	0.341	0.312	0.303	0.333	---	---	---	MIN

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 22 22 N
LONG 124 56 58 W

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	1 020
FEB	---	AUG	885
MAR	---	SEP	959
APR	2 110	OCT	---
MAY	1 270	NOV	---
JUN	1 100	DEC	---

BEAR RIVER ABOVE BITTER CREEK - STATION NO. 08DC004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.078	1.898	3.35	4.51	16.2	53.4	51.8	84.6	58.9	22.4 E	11.9 E	4.30E	1
2	2.068	1.908	3.15	4.50	16.5	58.5	50.3	86.6	76.5	20.1 E	11.9 E	4.18E	2
3	2.058	1.908	2.92	4.68	17.6	47.3	48.4	82.5	81.3E	22.7 E	12.0 E	4.68E	3
4	2.058	1.908	2.72	5.39	16.9	37.8	48.6	4" 4	78.9E	22.3 E	12.4 E	4.00E	4
5	2.58	1.918	2.428	6.98	14.4	34.0	44.9	46.2	48.3E	19.1 E	11.6 E	3.92E	5
6	2.58	1.918	2.308	8.15	13.9	30.3	42.7	45.8	38.0E	16.4 E	10.3 E	3.88E	6
7	2.67	1.918	2.228	8.94	14.6	31.1	45.6	40.2	30.8E	16.0 E	9.33E	3.80E	7
8	2.71	1.928	2.188	8.97	15.7	33.5	44.5	45.9	25.3E	15.0 E	8.63E	3.74E	8
9	2.58	1.938	2.188	8.36	13.8	37.7	50.1	54.2	22.5E	13.6 E	8.11E	3.68E	9
10	2.51	2.028	2.208	6.93	13.9	38.0	51.5	53.2	20.9E	12.3 E	7.87E	3.62E	10
11	2.43	2.10	2.41	6.82	15.(	38.0	48.2	54.9	22.5E	12.0 E	7.53E	3.56E	11
12	2.86	2.30	2.52	6.37	17.1	40.1	43.7	51.7	23.9E	11.9 E	7.27E	3.50E	12
13	2.73	2.92	3.10	6.21	20.0	37.2	39.8	57.8	23.9E	11.0 E	6.88E	3.44E	13
14	2.86	3.10	3.57	6.34	25.7	35.7	40.3	50.3	24.1E	10.1 E	6.56E	3.39E	14
15	2.52	3.07	3.99	6.79	27.9	49.5	45.9	89.5	22.8E	9.30E	6.41E	3.34E	15
16	2.53	3.04	4.23	5.47	28.6	46.6	51.0	69.4	17.7E	8.89E	7.27E	3.27E	16
17	2.51	2.85	4.24	7.06	23.9	40.4	57.1	70.9	15.0E	8.89E	7.50E	3.23E	17
18	2.82	2.69	4.33	8.80	20.7	48.0	85.0	49.5	13.9E	9.62E	7.18E	3.18E	18
19	3.14	2.56	4.27	7.31	21.6	49.7	87.5	52.0	12.6E	11.3 E	6.72E	3.13E	19
20	3.35	2.52	4.12	6.36	48.0	53.3	84.9	44.4	15.9E	14.8 E	6.24E	3.08E	20
21	3.02	2.53	3.87	6.26	33.6	47.4	71.6	48.2	23.9E	15.7 E	5.81E	3.05E	21
22	2.42	2.84	3.61	6.72	26.6	45.1	63.3	46.7	31.0E	17.1 E	5.47E	3.03E	22
23	2.36	3.53	3.39	7.77	27.7	57.6	64.0	48.8	29.1E	16.4 E	5.47E	3.01E	23
24	2.05B	4.42	3.24	10.5	25.5	64.5	49.6	71.6	27.5E	13.0 E	5.45E	2.99E	24
25	1.97B	4.14	3.14	15.2	27.4	63.4	60.5	77.0	52.2E	19.8 E	5.38E	2.97B	25
26	1.89B	3.79	3.04	17.6	21.6	67.4	55.1	76.1	39.9E	16.4 E	5.32E	2.95B	26
27	1.67B	3.84	3.15	16.4	20.1	58.4	60.7	82.7	24.4E	13.0 E	5.19E	2.93B	27
28	1.67B	3.87	3.29	16.5	26.4	51.3	66.1	84.7	19.8E	13.0 E	4.98E	2.92B	28
29	1.88B		3.33	17.7	40.7	54.0	58.8	73.5	17.1E	20.4 E	4.85E	2.91B	29
30	1.89B		3.68	16.9	58.8	54.2	60.5	63.4	15.7E	19.4 E	4.38E	2.90B	30
31	1.89B		4.32		61.8		73.9	70.4		14.2 E		2.89B	31
TOTAL	74.27	74.90	100.48	246.61	782.6	1 398.3	1 849.9	1 625.4	980.8	484.10	225.25	104.63	TOTAL
MEAN	2.40	2.68	3.24	8.22	25.3	46.6	53.2	58.9	32.0	15.0	7.51	3.38	MEAN
MAX	3.35	4.42	4.33	17.7	68.8	67.4	73.9	84.7	81.3	22.7	12.4	4.30	MAX
MIN	1.67	1.68	2.18	4.21	13.8	30.3	39.6	44.2	12.8	8.89	4.35	2.89	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 21.7
MAXIMUM DAILY, 84.7 ON AUG 28
MINIMUM DAILY, 1.67B ON JAN 27
MAXIMUM INSTANTANEOUS,
110 AT 22:15 PST ON SEP 2

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 02 34 N
LONG 129 55 30 W
DRAINAGE AREA, 380 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	6 420	JUL	143 000
FEB	6 470	AUG	156 000
MAR	8 680	SEP	83 000
APR	21 300	OCT	40 100
MAY	67 600	NOV	19 500
JUN	121 000	DEC	9 060

TOTAL DISCHARGE, 654 000 dam³

BEATON CREEK NEAR BEATON - STATION NO. 08NE006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.920E	1.08 E	1.38	1.86	4.03	12.7	6.67	3.86	1.84	1.41	1.70	1.44	1
2	0.910E	1.06 A	1.35	2.03	4.02	12.0	6.70	4.16	2.09	1.40	1.84	1.38	2
3	0.905E	1.04 E	1.35	2.07	4.07	11.6	6.32	3.76	1.98	1.38	1.90	1.36	3
4	0.910E	1.02 E	1.40	2.10	4.08	10.7	5.92	3.89	1.85	1.40	2.48	1.37	4
5	0.956A	0.988A	1.39	2.07	4.08	9.55	5.72	3.42	2.06	1.38	2.27	1.37	5
6	0.915A	0.984E	1.36	2.09	4.18	8.72	5.14	3.28	1.98	1.37	2.26	1.37	6
7	1.00	0.960A	1.37	2.29	4.61	8.57	5.57	3.13	1.93	1.34	2.12	1.38	7
8	1.04	0.988E	1.43	2.33	4.73	8.98	6.17	3.02	1.84	1.34	2.01	1.38	8
9	1.03	0.986A	1.85	2.28	4.48	9.03	5.80	2.93	1.81	1.34	1.93	1.41	9
10	1.07	0.975E	2.19	2.28	4.26	9.25	5.35	2.90	1.83	1.34	1.91	1.38	10
11	1.05	1.25	2.27	2.23	4.11	8.88	5.69	3.05	2.00	1.33	2.05	1.37	11
12	1.03	1.42	2.16	2.15	3.95	7.89	6.92	3.16	1.88	1.33	1.98	1.38	12
13	1.00 A	1.37	2.12	2.09	3.89	7.11	10.6	2.85	1.80	1.33	1.91	1.35	13
14	0.980E	1.31	2.12	2.05	3.88	6.80	13.0	2.70	1.78	1.33	1.85	1.30E	14
15	0.970A	1.33	2.05	2.04	3.93	7.32	11.9	2.59	1.73	1.32	2.23	1.35	15
16	0.944E	1.30	2.00	2.08	4.06	7.61	10.3	2.48	1.73	1.28E	2.44	1.31E	16
17	0.933A	1.32	1.98	2.14	4.23	7.98	8.84	2.43	1.73	1.28A	2.31	1.28E	17
18	0.926E	1.36	1.87	2.25	4.35	8.55	7.81	2.35	1.69	1.23E	2.19	1.27E	18
19	0.924A	1.31	1.78	2.38	4.37	7.76	7.21	2.30	1.65	1.28A	2.06	1.27E	19
20	0.920E	1.39	1.73	2.55	4.46	7.10	7.01	2.24	1.61	1.27E	1.96	1.18A	20
21	0.918A	1.39	1.70	2.65	4.58	6.41	6.44	2.18	1.59	1.31	1.89	1.11E	21
22	0.898E	1.36	1.68	3.03	5.14	5.97	6.03	2.13	1.56	1.48	1.84	1.08E	22
23	0.878A	1.33	1.68	3.32	5.61	5.83	5.56	2.09	1.55	1.41	1.77	1.07A	23
24	0.880E	1.36	1.80	4.02	6.26	6.07	5.33	2.07	1.53	1.35	1.78	1.10E	24
25	0.907A	1.43	1.73	5.02	7.32	8.05	5.33	2.21	1.52	1.44	1.78	1.15A	25
26	1.05 E	1.42	1.68	4.83	8.15	8.77	5.15	2.16	1.51	1.40	1.69	1.18E	26
27	1.24 A	1.41	1.68	4.53	8.55	8.58	4.75	2.11	1.54	1.38	1.68	1.20A	27
28	1.23 E	1.39	1.68	4.28	8.32	8.54	4.70	2.15	1.49	1.35	1.80	1.18E	28
29	1.22 A		1.80	4.05	11.0	8.93	4.80	2.04	1.48	1.34	1.85	1.17A	29
30	1.18 E		1.98	4.07	12.7	7.18	4.25	1.99	1.44	1.35	1.49	1.18E	30
31	1.10 A		1.95		13.3		4.08	1.92		1.79		1.19E	31
TOTAL	30.815	34.841	54.41	83.48	175.90	238.60	208.74	83.36	52.19	42.21	58.23	39.44	TOTAL
MEAN	0.994	1.23	1.76	2.78	5.67	7.95	6.73	2.69	1.74	1.36	1.84	1.27	MEAN
MAX	1.24	1.43	2.27	5.02	13.3	12.7	13.0	4.16	2.09	1.79	2.48	1.44	MAX
MIN	0.878	0.975	1.36	1.86	3.89	5.54	4.08	1.92	1.44	1.33	1.49	1.07	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.02
MAXIMUM DAILY, 13.3 ON MAY 31
MINIMUM DAILY, 0.878A ON JAN 23
MAXIMUM INSTANTANEOUS,
13.8 AT 08:10 PST ON MAY 31

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 44 09 N
LONG 117 43 44 W
DRAINAGE AREA, 89.5 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	2 880	JUL	18 000
FEB	2 880	AUG	7 200
MAR	4 700	SEP	4 510
APR	7 210	OCT	3 850
MAY	15 200	NOV	5 030
JUN	20 800	DEC	3 410

TOTAL DISCHARGE, 95 200 dam³

BEATTON RIVER NEAR FORT ST. JOHN - STATION NO. 07FC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.2908	0.2618	0.3358	1.008	139	42.8	200 E	89.6	9.35	5.22	5.26	1.42 B	1
2	0.2308	0.2608	0.3678	1.188	136	38.2	221 E	72.4	8.91	5.96	5.06	1.43 B	2
3	0.2408	0.2588	0.3508	1.428	136	34.2	258 E	60.6	8.60	5.78	5.86	1.46 B	3
4	0.2008	0.2508	0.3858	1.908	131	31.2	289 E	50.8	8.88	5.47	5.658	1.46 B	4
5	0.2008	0.2298	0.3608	2.508	127	28.9	262 E	43.4	8.87	5.90	5.258	1.50 B	5
6	0.2508	0.2208	0.3658	3.308	121	27.3	290 E	37.3	8.35	5.71	4.858	1.20 B	6
7	0.2208	0.2258	0.3808	4.308	117	27.9	340 E	32.0	9.37	5.73	4.208	1.08 B	7
8	0.2708	0.2398	0.3608	5.508	128	30.2	414 E	28.1	9.34	5.79	3.608	1.02 B	8
9	0.2308	0.2588	0.4408	7.208	254	34.8	380 E	24.5	8.95	5.88	3.658	1.00 B	9
10	0.2308	0.2908	0.5908	9.308	353	33.8A	305 E	21.0	9.82	5.92	3.358	1.04 B	10
11	0.2928	0.3268	0.5928	11.8 B	342	58.0E	262 E	18.7	10.2	5.85	4.008	1.09 B	11
12	0.2928	0.3808	0.6738	15.2 B	283	100 E	220 E	16.7	10.8	5.84	3.858	1.05 B	12
13	0.3058	0.4108	0.5428	18.5 B	234	121 E	187 E	15.2	10.7	5.87	3.808	0.9908	13
14	0.3268	0.4258	0.5638	24.0 B	199	122 E	161 E	13.7	10.3	6.08	3.458	0.9108	14
15	0.3638	0.4658	0.5958	30.5 B	177	120 E	133 E	12.5	9.82	6.24	3.058	0.8508	15
16	0.3508	0.3508	0.6008	40.0 B	167	116 E	114 E	11.5	10.1	6.45	3.158	0.8088	16
17	0.3338	0.2648	0.6408	50.0 B	159	111 E	112 E	11.2	9.10	6.90	3.128	0.7838	17
18	0.3348	0.2708	0.6588	70.0 B	157	210 E	100 E	11.1	8.50	7.17	3.188	0.8028	18
19	0.3388	0.3158	0.6358	89.3	154	480 E	82.0E	10.7	8.05	6.79	2.958	0.8408	19
20	0.3458	0.3708	0.6058	80.1	131	810 E	66.0E	10.9	7.74	6.54	2.858	0.8508	20
21	0.3108	0.3908	0.6828	61.0	113	610 E	53.0E	13.9	7.43	6.44	2.388	0.8218	21
22	0.2658	0.3658	0.5898	84.5	103	485 E	38.9A	19.5	7.34	6.80	2.058	0.7838	22
23	0.2318	0.3768	0.5888	288	97.6	390 E	30.5	19.2	7.13	6.98	1.828	0.7508	23
24	0.2158	0.4018	0.5808	382	92.2	300 E	41.2	17.3	6.88	7.01	1.708	0.7308	24
25	0.2288	0.3808	0.6028	331	87.1	210 E	58.2	15.6	6.65	6.89	1.718	0.7808	25
26	0.2438	0.3348	0.6508	271	81.7	245 E	58.8	14.2	6.64	6.85	1.818	0.7908	26
27	0.2708	0.3088	0.6608	223	75.0	298 E	58.7	12.8	6.84	6.80	1.438	0.7898	27
28	0.3008	0.3408	0.6908	190	67.3	290 E	58.7	11.5	6.30	6.13	1.688	0.7308	28
29	0.3008		0.7858	183	60.2	228 E	150	11.1	6.47	6.44	1.608	0.7398	29
30	0.3148		0.7608	149	53.4	203 E	188	10.4	6.30	6.49	1.498	0.7098	30
31	0.2858		0.6508		47.5		118	9.81		6.49		0.7008	31
TOTAL	13.198	8.941	17.141	2 880.52	4 544.0	5 805.8	5 230.0	748.61	258.21	198.44	100.22	29.861	TOTAL
MEAN	0.426	0.319	0.553	85.4	147	194	169	24.1	8.51	6.34	3.34	0.963	MEAN
MAX	0.990	0.425	0.650	382	353	810	414	89.6	10.7	7.17	5.26	1.50	MAX
MIN	0.215	0.220	0.335	1.00	47.5	27.3	38.9	9.81	8.30	5.71	1.49	0.700	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 53.6
MAXIMUM DAILY, 810E ON JUN 20
MINIMUM DAILY, 0.2158 ON JAN 24

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 16 12 N
LONG 120 40 43 W
DRAINAGE AREA, 15 800 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 140	JUL	452 000
FEB	773	AUG	84 500
MAR	1 480	SEP	22 100
APR	221 000	OCT	17 000
MAY	393 000	NOV	8 680
JUN	502 000	DEC	2 580

TOTAL DISCHARGE, 1 690 000 dam³

BEAVERDELL CREEK NEAR BEAVERDELL - STATION NO. 08NN027

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	1.38E	7.39 E	0.801	0.520E	0.308E	0.175	---	---	---	1
2	---	---	---	1.39	6.79	0.843	0.537E	0.285E	0.298	---	---	---	2
3	---	---	---	1.47E	6.93 E	0.843	0.564E	0.262E	0.219	---	---	---	3
4	---	---	---	1.58E	7.07	0.788E	0.571	0.238E	0.212	---	---	---	4
5	---	---	---	1.84	7.21 E	0.735	0.587E	0.216	0.188E	---	---	---	5
6	---	---	---	1.84	7.35	0.887	0.844E	0.184	0.180	---	---	---	6
7	---	---	---	1.99E	7.64	0.854E	0.531E	0.188	0.145E	---	---	---	7
8	---	---	---	2.35	7.06 E	0.820	0.518E	0.148E	0.130	---	---	---	8
9	---	---	---	2.29E	6.51	0.809E	0.505	0.138	0.140	---	---	---	9
10	---	---	---	2.24E	5.96 E	0.598	0.532E	0.254E	0.164E	---	---	---	10
11	---	---	---	2.19E	5.41 E	0.593E	0.560E	0.370	0.187	---	---	---	11
12	---	---	---	2.13E	4.85	0.587	0.587	0.347E	0.181	---	---	---	12
13	---	---	---	2.08	4.58 E	0.574E	0.587E	0.325	0.170E	---	---	---	13
14	---	---	---	2.06E	4.30	0.560	0.557	0.305	0.159E	---	---	---	14
15	---	---	---	2.03	4.53	0.651E	0.558E	0.288	0.148	---	---	---	15
16	---	---	---	2.74E	4.26 E	0.741	0.525	0.230	0.143	---	---	---	16
17	---	---	---	3.46	3.97 E	0.699E	0.515	0.218	0.136	---	---	---	17
18	---	---	---	3.63E	3.69	1.06	0.480E	0.177E	0.133	---	---	---	18
19	---	---	---	3.80	3.59 E	0.975E	0.405	0.136	0.128E	---	---	---	19
20	---	---	---	5.74E	3.49	0.902E	0.442E	0.130E	0.123	---	---	---	20
21	---	---	---	7.88	3.20 E	0.825	0.478E	0.123	0.119	---	---	---	21
22	---	---	---	8.03E	2.92	0.736E	0.515	0.118E	0.119	---	---	---	22
23	---	---	---	8.38	2.58 E	0.646	0.385	0.113	0.113E	---	---	---	23
24	---	---	---	10.0 E	2.27	0.717	0.385E	0.111E	0.107	---	---	---	24
25	---	---	---	11.7	2.07 E	0.655E	0.385	0.109	0.111	---	---	---	25
26	---	---	---	10.2 E	1.87	0.594E	0.405E	0.113E	0.111	---	---	---	26
27	---	---	---	8.71E	1.70 E	0.532E	0.425	0.118E	0.111E	---	---	---	27
28	---	---	---	7.21	1.53	0.470	0.402E	0.120E	0.111	---	---	---	28
29	---		---	7.60E	1.33	0.487E	0.378E	0.123E	0.111	---	---	---	29
30	---		---	8.00	1.06	0.504E	0.355E	0.127E	0.107	---	---	---	30
31	---		---		0.978E		0.332E	0.130		---	---	---	31
TOTAL	---	---	---	135.30	134.108	20.993	15.938	6.005	4.457	---	---	---	TOTAL
MEAN	---	---	---	4.61	4.33	0.700	0.485	0.194	0.148	---	---	---	MEAN
MAX	---	---	---	11.7	7.64	1.06	0.587	0.370	0.286	---	---	---	MAX
MIN	---	---	---	1.38	0.978	0.470	0.332	0.109	0.107	---	---	---	MIN

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 29 08 N
LONG 119 01 41 W

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 300
FEB	---	AUG	519
MAR	---	SEP	385
APR	11 700	OCT	---
MAY	11 600	NOV	---
JUN	1 810	DEC	---

BEAVERLEY CREEK AT OUTLET OF MABBILNICH LAKE - STATION NO. 08JC015

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.600E	0.450E	0.128	0.102	0.078E	0.020	0	0	0	1
2	---	---	---	0.705	0.430	0.126E	0.098E	0.081	0.021E	0	0	0	2
3	---	---	---	0.710E	0.450E	0.124	0.098	0.058E	0.023	0	0	0	3
4	---	---	---	0.714	0.366	0.124E	0.094E	0.054	0.017	0	0	0	4
5	---	---	---	0.775E	0.342E	0.114	0.093	0.049E	0.014E	0	0	0	5
6	---	---	---	0.786	0.322	0.107E	0.089E	0.045	0.013E	0	0	0	6
7	---	---	---	1.38 E	0.315E	0.098	0.085	0.042E	0.013	0	0	0	7
8	---	---	---	1.64	0.302	0.088E	0.084E	0.041	0.011E	0	0	0	8
9	---	---	---	1.56 E	0.287E	0.077	0.075	0.037E	0.010	0	0	0	9
10	---	---	---	1.47	0.269	0.070E	0.075E	0.034	0.008E	0	0	0	10
11	---	---	---	1.42	0.255E	0.060	0.075	0.060E	0.008	0	0	0	11
12	---	---	---	1.33	0.245	0.060E	0.077E	0.067	0.007E	0	0	0	12
13	---	---	---	1.15 E	0.237	0.039	0.079	0.083E	0.006	0	0	0	13
14	---	---	---	1.15	0.229	0.028E	0.087E	0.078	0.007E	0	0	0	14
15	---	---	---	1.10 E	0.213E	0.027	0.114	0.081	0.008	0	0	0	15
16	---	---	---	1.11	0.207	0.029E	0.120E	0.086	0.007	0	0	0	16
17	---	---	---	1.00 E	0.192E	0.031	0.125	0.083E	0	0	0	0	17
18	---	---	---	0.882	0.180	0.034E	0.118	0.081	0	0	0	0	18
19	---	---	---	0.820E	0.178E	0.041	0.114	0.080E	0	0	0	0	19
20	---	---	---	0.783	0.171	0.047E	0.117E	0.048	0	0	0	0	20
21	---	---	1.25	0.812	0.167E	0.080	0.116	0.042E	0	0	0	0	21
22	---	---	1.24 E	0.782	0.157	0.083E	0.110E	0.037	0	0	0	0	22
23	---	---	1.23	0.690E	0.158E	0.088	0.102E	0.038E	0	0	0	0	23
24	---	---	1.14 E	0.842	0.155	0.088E	0.094	0.032	0	0	0	0	24
25	---	---	0.953	0.630E	0.142	0.072	0.102E	0.032E	0	0	0	0	25
26	---	---	0.925E	0.815	0.148	0.074E	0.112	0.026	0	0	0	0	26
27	---	---	0.825	0.580E	0.140E	0.081	0.107E	0.027E	0	0	0	0	27
28	---	---	0.782E	0.585	0.145	0.081E	0.097	0.022	0	0	0	0	28
29	---		0.763	0.510E	0.138E	0.072	0.091E	0.022E	0	0	0	0	29
30	---		0.588E	0.480	0.135	0.068E	0.085	0.021	0	0	0	0	30
31	---		0.510		0.135E		0.077E	0.021E		0		0	31
TOTAL	---	---	---	27.344	7.295	2.166	3.024	1.490	0.189	0	0	0	TOTAL
MEAN	---	---	---	0.911	0.235	0.072	0.098	0.048	0.006	0	0	0	MEAN
MAX	---	---	---	1.64	0.450	0.128	0.125	0.087	0.023	0	0	0	MAX
MIN	---	---	---	0.480	0.135	0.027	0.075	0.021	0	0	0	0	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 1.64 ON APR 8
MINIMUM DAILY, 0 ON SEP 17

TYPE OF GAUGE - MANUAL
LOCATION - LAT 53 44 02 N
LONG 122 51 05 W

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	281
FEB	---	AUG	129
MAR	---	SEP	16.3
APR	2 360	OCT	0
MAY	630	NOV	0
JUN	187	DEC	0

BELOW CREEK BELOW HILDA CREEK - STATION NO. 08NM232

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.388E	0.385A	0.382E	0.747	1.76	2.16	0.812	0.168	0.128	0.085	0.200	0.306	1
2	0.388E	0.385A	0.382E	0.751	1.82	1.84	0.787	0.154	0.207	0.085	0.205	0.306	2
3	0.389E	0.385A	0.400E	0.744	1.47	1.85	0.756	0.136	0.163	0.085	0.256	0.305B	3
4	0.390E	0.382E	0.385E	0.738	1.16	1.35	0.845	0.124	0.180	0.086	0.304	0.304B	4
5	0.393E	0.383E	0.400E	0.737	1.26	1.20	0.582	0.116	0.227	0.086	0.236	0.305B	5
6	0.398E	0.380E	0.405E	0.756	1.41	1.13	0.530	0.103	0.178	0.085	0.206	0.304B	6
7	0.399A	0.352E	0.404E	0.774	1.48	1.14	0.550	0.099	0.149	0.083	0.186	0.304B	7
8	0.393A	0.380E	0.411E	0.780	1.40	1.08	0.670	0.096	0.136	0.082	0.176	0.306B	8
9	0.389A	0.388E	0.423E	0.778	1.26	0.979	0.951	0.090	0.132	0.082	0.186	0.306B	9
10	0.393A	0.376E	0.430E	0.774	1.22	0.883	0.786	0.095	0.147	0.079	0.181	0.304B	10
11	0.389A	0.383E	0.445A	0.788	1.30	0.912	0.880	0.187	0.198	0.077	0.170	0.305B	11
12	0.381A	0.386E	0.446	0.788	1.91	0.803	0.870	0.237	0.171	0.077	0.185	0.312B	12
13	0.377A	0.382E	0.422	0.750	2.70	0.703	0.744	0.183	0.153	0.078	0.188	0.320B	13
14	0.373A	0.379E	0.409	0.768	2.88	0.849	0.693	0.134	0.138	0.078	0.199	0.318B	14
15	0.389A	0.381E	0.389	0.781	3.18	1.07	0.801	0.110	0.123	0.078	0.307	0.312B	15
16	0.370E	0.386E	0.383	0.787	3.40	1.05	0.887	0.086	0.121	0.077	0.511	0.306B	16
17	0.371E	0.384E	0.383	0.824	3.45	1.20	0.698	0.092	0.127	0.084	0.547	0.306B	17
18	0.376E	0.388E	0.554	0.891	3.39	1.56	0.621	0.086	0.137	0.088	0.488	0.303B	18
19	0.380E	0.389E	0.755	0.941	2.95	1.20	0.376	0.084	0.132	0.085	0.411	0.301B	19
20	0.382E	0.382E	0.738	0.883	2.89	1.05	0.368	0.079	0.122	0.085	0.378	0.300B	20
21	0.381E	0.388E	0.732	1.07	3.42	1.13	0.317	0.078	0.121	0.089	0.334	0.298B	21
22	0.378E	0.400E	0.733	1.12	3.38	1.02	0.282	0.074	0.117	0.133	0.297	0.296B	22
23	0.373E	0.412E	0.736	1.28	3.34	0.928	0.288	0.073	0.111	0.111	0.293	0.283B	23
24	0.372E	0.406E	0.732	1.65	3.26	1.11	0.228	0.083	0.104	0.092	0.285A	0.298B	24
25	0.377E	0.382E	0.734	1.88	3.18	1.08	0.282	0.143	0.098	0.089	0.357	0.311B	25
26	0.384E	0.383E	0.738	1.74	2.95	0.883	0.318	0.253	0.091	0.097	0.328	0.321B	26
27	0.384E	0.388E	0.738	1.65	2.82	0.784	0.249	0.188	0.088	0.092	0.378	0.314B	27
28	0.378E	0.385E	0.743	1.68	2.80	0.853	0.257	0.148	0.085	0.088	0.308	0.320B	28
29	0.381E		0.747	1.65	2.84	0.821	0.243	0.131	0.085	0.085	0.303	0.330B	29
30	0.389E		0.747	1.67	2.78	0.689	0.206	0.134	0.088	0.085	0.303	0.340	30
31	0.389A		0.751		2.48		0.181	0.114		0.182		0.343	31
TOTAL	11.808	10.639	17.118	30.980	75.84	32.944	15.221	3.858	4.049	2.784	8.685	9.575	TOTAL
MEAN	0.381	0.380	0.552	1.03	2.44	1.08	0.491	0.124	0.135	0.090	0.280	0.309	MEAN
MAX	0.389	0.412	0.755	1.88	3.45	2.16	0.951	0.253	0.227	0.182	0.547	0.343	MAX
MIN	0.369	0.380	0.382	0.737	1.16	0.821	0.181	0.073	0.085	0.078	0.181	0.283	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.610
MAXIMUM DAILY, 3.45 ON MAY 17
MINIMUM DAILY, 0.073 ON AUG 23
MAXIMUM INSTANTANEOUS,
3.51 AT 01:01 PST ON MAY 17

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 59 58 N
LONG 115 04 17 W
DRAINAGE AREA, 70.7 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 020	JUL	1 320
FEB	918	AUG	333
MAR	1 480	SEP	350
APR	2 680	OCT	241
MAY	6 530	NOV	749
JUN	2 810	DEC	827

TOTAL DISCHARGE, 19 300 dam³

BELLA COOLA RIVER ABOVE BURNT BRIDGE CREEK - STATION NO. 08FB007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	14.38	14.3	17.4	14.2	88.6	286	150	176	145	46.6	45.7	18.1	1
2	14.08	14.0	16.9	14.1	88.1	298	148	174	144	45.7	42.6	15.58	2
3	13.88	13.7	16.3	14.0	89.3	257	148	176	148	46.8	40.4	15.08	3
4	13.88	13.4	15.8	13.9	87.8	209	151	148	176	51.2	38.1	14.88	4
5	13.88	12.8	15.4	14.0	88.7	190	150	140	145	47.9	36.2	14.58	5
6	14.5	12.48	15.1	14.6	86.1	180	141	144	133	44.1	34.3	14.18	6
7	14.0	12.48	15.0	15.4	88.0	189	132	148	112	40.0	32.6	14.18	7
8	14.0	12.7	14.8	15.8	90.1	191	129	155	90.7	36.2	29.5	14.28	8
9	17.5	12.7	15.9	15.2	73.3	186	136	185	80.4	33.7	28.6	14.38	9
10	17.3	12.7	16.2	15.2	87.8	174	148	196	73.9	31.1	27.8	14.58	10
11	19.5	14.3	16.1	15.1	89.6	147	186	191	70.4	29.3	27.5	14.88	11
12	24.1	16.2	16.1	14.7	78.3	134	182	181	71.6	28.9	27.0	14.78	12
13	23.8	16.0	16.0	14.7	84.8	133	185	172	88.2	28.9	26.1	14.58	13
14	22.3	16.1	15.6	14.7	85.3	125	158	184	103	28.6	25.1	13.78	14
15	21.4	16.2	15.7	14.8	85.8	130	136	148	91.3	27.9	26.7	13.28	15
16	20.6	16.0	15.6	15.6	88.3	136	132	151	87.6	26.9	25.9	13.18	16
17	19.9	16.1	15.4	15.8	85.3	130	145	160	78.9	27.3	25.4	12.88	17
18	19.2	16.7	15.4	17.0	82.8	139	184	148	84.2	26.7	24.8	12.88	18
19	18.9	16.6	15.4	18.1	100	117	181	138	86.0	26.2	23.4	12.78	19
20	18.4	17.3	15.3	20.4	148	112	183	136	82.4	28.4	23.2	12.78	20
21	17.7	17.0	15.3	21.3	158	109	178	125	86.8	28.2	22.2	12.58	21
22	16.6	17.0	15.2	22.3	155	116	182	128	82.6	34.7	20.8	12.38	22
23	16.3	17.4	15.0	23.5	177	139	186	138	72.5	32.6	21.0	12.58	23
24	15.7	16.3	14.9	26.6	190	190	183	136	76.8	29.8	20.9	13.08	24
25	15.78	15.5	14.9	37.3	194	205	187	126	78.4	31.2	20.5	13.18	25
26	15.68	15.0	14.7	48.7	177	178	158	119	110	81.3	20.4	13.08	26
27	15.38	16.3	14.7	50.6	168	170	155	122	93.3	86.0	20.1	12.88	27
28	15.2	15.1	14.6	55.2	183	167	158	124	70.8	53.4	19.5	12.98	28
29	14.8		14.4	58.2	223	158	154	118	87.4	47.3	19.0	12.88	29
30	14.7		14.4	61.6	271	155	158	120	80.2	48.2	18.8	13.08	30
31	14.6		14.2		274		171	127		49.2		13.88	31
TOTAL	533.4	435.0	477.5	743.5	3 948.1	5 010	4 802	4 812	2 758.8	1 207.3	814.2	424.0	TOTAL
MEAN	17.3	15.5	15.4	24.8	127	167	155	149	92.0	38.9	27.1	13.7	MEAN
MAX	24.1	16.5	17.4	61.6	274	298	183	196	178	81.3	45.7	18.1	MAX
MIN	13.6	12.4	14.2	13.9	87.8	109	129	118	50.2	28.7	18.8	12.3	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 70.6
MAXIMUM DAILY, 298 ON JUN 2
MINIMUM DAILY, 12.38 ON DEC 22
MAXIMUM INSTANTANEOUS,
317 AT 10:00 PST ON JUN 2

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 35 20 N
LONG 126 09 29 W
DRAINAGE AREA, 3 730 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	48 100	JUL	415 000
FEB	37 600	AUG	386 000
MAR	41 300	SEP	238 000
APR	64 200	OCT	104 000
MAY	341 000	NOV	70 300
JUN	433 000	DEC	36 600

TOTAL DISCHARGE, 2 230 000 dam³

BELLEVUE CREEK NEAR OKANAGAN MISSION - STATION NO. 08NM035

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.0358	0.0578	0.045	0.130	2.10	4.50 E	0.803	0.245	0.048	0.031	0.138	0.0498	1
2	0.0358	0.0578	0.044	0.134	2.25	3.50 E	1.12	0.212	0.077	0.032	0.180	0.0488	2
3	0.0358	0.0588	0.047	0.131	2.12	2.43 E	1.30	0.184	0.083	0.031	0.190	0.0488	3
4	0.0358	0.0588	0.089	0.131	1.80	1.84 E	1.19	0.164	0.093	0.033	0.235	0.0488	4
5	0.0388	0.047	0.088	0.134	2.29	1.61 E	0.882	0.143	0.073	0.034	0.189	0.0488	5
6	0.0378	0.047	0.085	0 148	2.74	1.36 E	0.837	0.124	0.072	0.031	0.158	0.0458	6
7	0.0428	0.045	0.088	0.180	2.72	1.45 E	0.742	0.111	0.055	0.032	0.134	0.0448	7
8	0.0458	0.047	0.087	0.207	2.38	1.52 E	0.834	0.103	0.048	0.030	0.117	0.0458	8
9	0.0448	0.048	0.098	0.204	1.81	1.49 A	1.37	0.094	0.045	0.027	0.104	0.0488	9
10	0.0458	0.047	0.218	0.191	1.64	1.63	1.01	0.119	0.082	0.028	0.108	0.0478	10
11	0.0448	0.043	0.282	0.176	1.63	1.34	0.851	0.384	0.104	0.027	0.104	0.0488	11
12	0.0448	0.038	0.238	0.182	1.96	1.10	1.00	0.307	0.087	0.025	0.102	0.0518	12
13	0.0438	0 037	0.205	0.188	2.24	1.01	0.938	0.228	0.084	0.024	0.098	0.0528	13
14	0.0438	0.036	0.184	0.187	2 46	0.835	0.778	0.168	0.089	0.025	0.097	0.0518	14
15	0.0438	0.036	0.188	0.182	2.61	1.09	0.766	0.132	0.085	0.024	0.100	0.0508	15
16	0.0438	0.037	0.184	0.180	2.98	1.42	1.07	0 110	0.068	0.033	0.120	0.0488	16
17	0.0448	0.040	0.148	0 227	2.85	1.34	0.835	0 098	0.047	0.027	0.131	0.0458	17
18	0.0458	0.038	0.140	0.320	2.42	1.48	0.677	0.087	0.052	0.036	0.120	0.0438	18
19	0.0468	0.038	0.136	0.468	2.18	1.04	0.640	0.077	0.052	0.035	0.113	0.0418	19
20	0.0488	0.038	0.133	0.738	2.83	0.888	0.397	0.087	0.048	0.039	0.107	0.0398	20
21	0.0478	0.038	0.127	1.31	3.99	0.842	0.388	0.089	0.047	0.038	0.101A	0.0378	21
22	0.0468	0.038	0.128	1.38	3.87	0.801	0.319	0.081	0.048	0.056	0.091	0.0338	22
23	0.0478	0.042	0.126	1.88	4.14	1.08	0.283	0.047	0.044	0.071	0.090	0.0288	23
24	0.0488	0.085	0.125	2.58	4.32	1.30	0.310	0.042	0.040	0.054	0.081	0.0298	24
25	0.0508	0.085	0.121	2.64	4.23E	0.937	0.898	0.045	0.036	0.048	0.091	0.0308	25
26	0.0538	0.083	0.119	3.03	4.18E	0.719	0.924	0.042	0.034	0.045	0.087	0.0348	26
27	0.0578	0.075	0.127	1.72	4.28E	0.594	0.620	0.042	0.034	0.042	0.083	0.0338	27
28	0.0588	0.088	0.123	1.48	4.73E	0.631	0.482	0.044	0.031	0.038	0.081	0.0348	28
29	0.0578		0.126	1.48	4.88E	0.538	0.418	0.043	0.031	0.037	0.073	0.0308	29
30	0.0558		0.130	1.81	5.07E	0.838	0.382	0.045	0.029	0.037	0.083A	0.0298	30
31	0.0578		0.131		5.03E		0.288	0.041		0.078		0.0418	31
TOTAL	1.405	1.378	3.985	22.386	95.04	41.813	22.611	3.838	1.849	1.138	3.457	1.304	TOTAL
MEAN	0.045	0.048	0.128	0.746	3.07	1.39	0.738	0.117	0.055	0.037	0.115	0.042	MEAN
MAX	0.058	0.088	0.282	2.64	5.07	4.50	1.37	0.384	0.104	0.078	0.238	0.052	MAX
MIN	0.035	0.036	0.084	0.130	1.63	0.838	0.283	0.041	0.029	0.023	0.052	0.028	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.847
MAXIMUM DAILY, 5.07E ON MAY 30
MINIMUM DAILY, 0.023 ON OCT 18
MAXIMUM INSTANTANEOUS,
5.85 ON MAY 20

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 47 36 N
LONG 119 27 39 W
DRAINAGE AREA, 73.3 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	121	JUL	1 840
FEB	119	AUG	314
MAR	344	SEP	142
APR	1 930	OCT	98.3
MAY	8 210	NOV	299
JUN	2 500	DEC	113

TOTAL DISCHARGE, 17 200 dam³

BESSETTE CREEK ABOVE BEAVERJACK CREEK - STATION NO. 08LC039

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.29B	1.39A	3.38E	3.92	16.1	25.8	5.92	2.78	2.01	1.34	2.19	1.49	1
2	1.27B	1.40A	3.44A	4.06	15.0	22.6	5.80	2.61	2.90	1.33	2.16	1.49 B	2
3	1.28B	1.32E	3.42	4.08	16.4	18.4	5.14	2.19	3.54	1.32	2.34	1.41 B	3
4	1.28B	1.09E	3.55	3.99	15.1	15.2	5.02	2.01	3.21	1.33	3.52	1.40 B	4
5	1.30B	1.02E	3.38	4.08	14.5	13.0	5.45	1.75	4.74	1.34	3.00	1.38 B	5
6	1.31B	1.12E	3.49	4.18	14.7	11.2	4.84	1.61	4.53	1.34	2.55	1.37 B	6
7	1.31B	1.30E	3.88	4.53	15.5	10.9	4.46	1.58	3.69	1.29	2.30	1.35 B	7
8	1.31B	1.77E	3.98	4.81	16.2	10.7	4.18	1.65	3.33	1.27	2.16	1.30 B	8
9	1.30B	1.38E	4.37	4.85	15.1	10.1	5.01	1.78	2.93	1.27	2.02	1.19 B	9
10	1.28B	1.29E	5.85	5.13	14.1	9.56	5.82	2.08	2.73	1.26	1.93	1.09 B	10
11	1.29B	1.36E	6.11	4.85	13.2	8.88	5.24	3.61	3.08	1.27	1.93	1.09 B	11
12	1.28B	1.38E	5.42	4.47	12.5	7.37	4.82	5.01	3.38	1.27	1.92	1.04 B	12
13	1.28B	1.42E	4.93	4.24	12.2	6.71	4.71	4.26	3.12	1.25	1.87	1.01 B	13
14	1.27B	1.48E	4.62	4.10	11.8	6.28	4.98	3.49	2.89	1.25	1.84	0.9808	14
15	1.27B	1.48E	4.40	4.08	12.1	7.90	5.24	2.93	2.72	1.25	1.90	0.9778	15
16	1.27B	1.50E	4.20	4.31	12.6	9.88	5.30	1.86	2.81	1.29	2.03	0.9838	16
17	1.27B	1.52E	4.06	4.63	13.2	8.25	5.09	1.69	2.69	1.36	2.35	0.9008	17
18	1.27B	1.62E	3.93	5.31	14.2	12.4	4.83	1.59	2.86	1.46	2.39	0.8988	18
19	1.27B	1.62E	3.78	6.14	14.2	9.16	4.01	1.55	2.70	1.44	2.35	0.8958	19
20	1.27B	2.10E	3.73	6.99	14.1	8.47	3.81	1.49	2.87	1.46	2.27	0.8808	20
21	1.26B	2.33E	3.86	8.05	15.6	9.90	3.30	1.56	2.46	1.47	2.24	0.6708	21
22	1.23B	2.38E	3.84	9.20	18.7	9.31	2.87	1.84	2.38	1.46	2.20	0.8408	22
23	1.17B	2.46E	3.83	10.4	20.8	7.85	2.87	1.43	2.27	1.89	2.19	0.8408	23
24	1.12B	2.42E	3.74	13.7	22.6	8.00	2.84	1.42	2.16	1.83	2.14	0.8408	24
25	1.24B	3.20E	3.69	18.8	25.7	8.94	3.87	1.80	2.08	1.48	2.11	0.8408	25
26	1.28B	3.30E	3.59	19.4	26.0	7.85	4.86	2.18	1.92	1.49	2.11	0.8428	26
27	1.33B	3.20E	3.66	17.4	25.6	8.78	3.93	2.40	1.71	1.58	2.20	0.8608	27
28	1.46	3.24E	3.62	15.7	26.9	5.95	3.58	2.48	1.58	1.87	2.18	0.8808	28
29	1.42		3.81	14.8	28.3	5.38	3.83	2.45	1.49	1.55	2.12	0.9108	29
30	1.41		3.84	15.4	30.5	5.90	3.40	2.40	1.38	1.54	1.91	0.9808	30
31	1.38A		3.88		29.4		2.81	2.18		1.67		1.09 B	31
TOTAL	39.88	51.43	124.84	235.30	555.6	309.42	139.88	89.19	81.44	43.74	66.40	32.837	TOTAL
MEAN	1.29	1.84	4.03	7.84	17.9	10.3	4.80	2.23	2.71	1.41	2.21	1.08	MEAN
MAX	1.46	3.30	6.11	19.4	30.5	25.8	6.14	5.01	4.74	1.89	3.52	1.49	MAX
MIN	1.12	1.02	3.36	3.92	11.8	5.38	2.87	1.42	1.38	1.25	1.84	0.840	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.79
MAXIMUM DAILY, 30.5 ON MAY 30
MINIMUM DAILY, 0.8408 ON DEC 22
MAXIMUM INSTANTANEOUS,
32.8 AT 05:30 PST ON MAY 30

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 17 52 N
LONG 118 51 30 W
DRAINAGE AREA, 603 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 450	JUL	12 100
FEB	4 440	AUG	5 980
MAR	10 800	SEP	7 040
APR	20 300	OCT	3 780
MAY	48 000	NOV	5 740
JUN	26 700	DEC	2 840

TOTAL DISCHARGE, 151 000 dam³

BESSETTE CREEK ABOVE LUMBY LAGOON OUTFALL - STATION NO. 08LC042

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.15	1.15	2.94	2.59	14.4	31.5	5.15	2.42	1.51	1.04	2.18	1.35	1
2	1.15	1.15	2.75	2.70	13.9	22.2	5.07	2.18	2.42	0.980	1.87	1.35	2
3	1.15	0.878	2.75	2.83	15.1	15.1	5.43	1.89	2.88	0.935	2.07	1.28	3
4	1.15	0.742	2.85	2.83	13.4	14.8	5.07	1.80	2.42	0.980	3.77	1.28 B	4
5	1.15	0.884	2.67	2.88	12.5	14.9	4.10	1.43	5.23	1.04	2.42	1.30 B	5
6	1.15	0.884	2.67	2.67	12.5	10.9	3.81	1.28	3.77	1.04	2.18	1.31 B	6
7	1.15	1.30	2.84	2.84	13.7	10.4	3.77	1.04	3.20	0.935	1.97	1.30	7
8	1.15	1.61	2.84	2.90	14.1	10.4	3.33	1.35	3.81	0.944	1.78	1.35	8
9	1.15	1.15	2.84	2.81	13.2	9.75	5.82	1.28	2.95	0.935	1.90	0.935	9
10	1.15	1.15	3.39	3.04	12.0	8.48	5.81	1.80	2.18	0.935	1.80	0.935	10
11	1.15	1.15	3.89	3.00	11.5	8.25	3.81	3.20	2.86	0.890	1.89	0.880	11
12	1.15	1.25	3.87	2.71	11.1	8.22	3.77	5.07	2.84	0.845	1.88	0.890	12
13	1.15	1.28	3.22	2.67	10.9	8.43	4.10	3.77	2.42	0.845	1.80	0.890	13
14	1.15	1.33	2.88	2.41	10.5	5.07	5.07	3.07	2.42	0.888	1.80	0.880	14
15	1.15	1.30	2.82	2.67	10.4	5.07	4.10	2.88	2.18	0.886	1.78	0.890	15
16	1.15	1.37	2.72	2.69	11.1	8.98	5.20	1.35	2.18	1.08	1.78	0.8208	16
17	1.15	1.78	2.72	2.76	11.8	8.22	4.90	1.35	2.18	0.880	2.18	0.8008	17
18	1.15	1.34	2.62	3.22	12.7	13.2	3.77	1.35	2.18	1.09	2.16	0.7958	18
19	1.15	1.58	2.81	3.87	13.3	8.67	2.88	1.21	2.29	1.15	1.78	0.7958	19
20	1.15	2.08	2.48	4.66	13.2	7.20	2.88	1.38	2.18	1.15	1.89	0.7908	20
21	1.15	2.14	2.40	5.53	18.7	8.53	2.88	1.45	1.78	1.15	1.87	0.7808	21
22	1.14	2.14	2.38	8.20	18.2	8.30	2.35	1.43	1.78	1.21	1.78	0.7648	22
23	1.15	2.25	2.38	7.21	20.2	7.20	1.78	1.43	1.78	1.60	1.78	0.7408	23
24	1.05	2.18	2.49	10.3	21.1	7.00	1.78	1.38	1.78	1.38	1.78	0.7308	24
25	1.15	3.13	2.81	15.4	24.0	6.78	3.20	1.43	1.89	1.15	1.78	0.7258	25
26	1.15	2.84	2.81	14.3	24.3	7.04	4.10	1.78	1.89	1.15	1.78	0.7258	26
27	1.15	2.82	2.48	14.4	24.5	6.82	3.20	2.27	1.80	1.38	1.83	0.7308	27
28	1.23	2.84	3.46	12.9	26.3	6.07	2.84	2.20	1.38	1.38	1.87	0.7408	28
29	1.15		2.49	12.2	26.8	4.10	3.81	2.07	1.04	1.38	1.78	0.7708	29
30	1.15		2.70	13.2	31.8	6.82	2.81	1.97	1.04	1.38	1.78	0.8508	30
31	1.15		2.81		31.5		2.42	1.89		1.43		0.9008	31
TOTAL	35.63	46.678	88.16	188.32	518.8	298.48	118.48	69.14	68.88	33.883	57.84	29.424	TOTAL
MEAN	1.15	1.64	2.78	5.84	16.7	9.88	3.82	1.91	2.30	1.09	1.92	0.949	MEAN
MAX	1.23	3.13	3.89	15.4	31.8	31.5	6.81	5.07	5.23	1.60	3.77	1.35	MAX
MIN	1.05	0.742	2.38	2.41	10.4	4.10	1.78	1.04	1.04	0.845	1.80	0.725	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.16
MAXIMUM DAILY, 31.8 ON MAY 30
MINIMUM DAILY, 0.7258 ON DEC 25

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - MANUAL
LOCATION - LAT 50 15 11 N
LONG 118 57 37 W
DRAINAGE AREA, 469 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 080	JUL	10 200
FEB	3 980	AUG	5 110
MAR	7 450	SEP	5 950
APR	14 400	OCT	2 830
MAY	44 800	NOV	4 930
JUN	25 800	DEC	2 540

TOTAL DISCHARGE, 131 000 dam³

BESSETTE CREEK NEAR LUMBY - STATION NO. 08LC005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.632	5.88	15.2	3.14	0.815	1.08	---	---	---	1
2	---	---	---	0.709	6.41	12.8	3.10	0.717	1.48	---	---	---	2
3	---	---	---	0.700	6.48	10.7	3.20	0.583	0.880	---	---	---	3
4	---	---	---	0.891	6.15	8.62	2.58	0.478	0.794	---	---	---	4
5	---	---	---	0.727	6.09	7.14	2.21	0.373	2.08	---	---	---	5
6	---	---	---	0.754	6.83	6.36	2.12	0.340	1.17	---	---	---	6
7	---	---	---	0.825	6.67	6.83	2.14	0.250	0.836	---	---	---	7
8	---	---	---	0.937	7.08	6.36	2.20	0.255	0.671	---	---	---	8
9	---	---	---	0.988	6.85	6.36	3.27	0.541	0.818	---	---	---	9
10	---	---	---	0.988	6.27	7.00	2.28	0.541	0.852	---	---	---	10
11	---	---	---	0.862	6.01	4.83	2.27	2.55	0.768	---	---	---	11
12	---	---	---	0.790	5.92	4.15	2.80	0.822	0.822	---	---	---	12
13	---	---	---	0.736	5.94	3.85	3.27	1.08	0.858	---	---	---	13
14	---	---	---	0.718	5.88	3.41	3.14	0.724	1.38	---	---	---	14
15	---	---	---	0.718	6.21	3.94	2.87	0.186	0.482	---	---	---	15
16	---	---	---	0.808	6.85	5.07	2.88	0.384	0.482	---	---	---	16
17	---	---	---	0.934	7.33	5.27	2.11	0.362	0.438	---	---	---	17
18	---	---	---	1.18	7.02	7.80	1.77	0.280	0.845	---	---	---	18
19	---	---	---	1.47	6.78	6.07	1.80	0.231	0.587	---	---	---	19
20	---	---	---	1.71	6.93	5.44	1.56	0.232	0.483	---	---	---	20
21	---	---	---	2.17	10.0	5.32	1.28	0.186	0.489	---	---	---	21
22	---	---	---	2.82	9.14	5.15	1.08	0.114	0.508	---	---	---	22
23	---	---	---	2.86	14.1	4.19	1.04	0.080	0.438	---	---	---	23
24	---	---	---	4.83	15.3	5.01	1.18	0.085	0.384	---	---	---	24
25	---	---	---	5.11	16.5	4.89	2.08	0.551	0.348	---	---	---	25
26	---	---	---	5.68	16.1	3.77	2.08	0.671	0.305	---	---	---	26
27	---	---	---	5.29	16.5	3.11	1.48	0.724	0.280	---	---	---	27
28	---	---	---	4.81	17.8	2.85	1.52	0.671	0.280	---	---	---	28
29	---		---	4.68	17.7 E	2.85	2.03	0.587	0.250	---	---	---	29
30	---		---	5.94	17.5 E	3.16	1.12	0.483	0.204	---	---	---	30
31	---		---		17.3		1.03	0.357		---		---	31
TOTAL	---	---	---	53.127	297.08	182.98	66.29	15.181	20.414	---	---	---	TOTAL
MEAN	---	---	---	2.10	9.58	6.10	2.14	0.522	0.880	---	---	---	MEAN
MAX	---	---	---	5.11	17.8	15.2	3.27	2.55	2.08	---	---	---	MAX
MIN	---	---	---	0.632	5.88	2.85	1.03	0.080	0.204	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 17.8 ON MAY 28

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - MANUAL
LOCATION - LAT 50 14 05 N
LONG 118 58 05 W
DRAINAGE AREA, 253 km²

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	5 730
FEB	---	AUG	1 400
MAR	---	SEP	1 780
APR	5 450	OCT	---
MAY	25 700	NOV	---
JUN	15 800	DEC	---

BETHSAIDA CREEK ABOVE HIGHLAND VALLEY ROAD - STATION NO. 08LC055

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.0188	0.018	0.022	0.025	0.335	0.086	0.039	0.020	0.008	0.007	0.009	0.0088	1
2	0.0188	0.0188	0.021	0.025	0.378	0.088	0.130	0.018	0.008	0.007	0.010	0.0088	2
3	0.0188	0.0178	0.021	0.026	0.387	0.087	0.088	0.018	0.008	0.007	0.010	0.0078	3
4	0.0198	0.0178	0.020	0.029	0.400	0.087	0.047	0.018	0.008	0.007	0.009	0.0088	4
5	0.0188	0.0188	0.021	0.030	0.400	0.074	0.036	0.017	0.008	0.007	0.009	0.0078	5
6	0.021	0.0178	0.020	0.034	0.387	0.064	0.035	0.018	0.008	0.007	0.008	0.0078	6
7	0.021	0.0188	0.021	0.029	0.384	0.062	0.036	0.018	0.008	0.007	0.008	0.0078	7
8	0.021	0.0188	0.022	0.026	0.352	0.057	0.036	0.015	0.008	0.007	0.009	0.0088	8
9	0.0228	0.0208	0.046	0.026	0.334	0.056	0.038	0.015	0.008	0.007	0.008	0.0088	9
10	0.0218	0.0228	0.039	0.025	0.318	0.088	0.032	0.015	0.008	0.007	0.008	0.0108	10
11	0.0238	0.0218	0.032	0.027	0.291	0.080	0.032	0.014	0.008	0.007	0.009	0.0108	11
12	0.0258	0.020	0.026	0.025	0.288	0.058	0.031	0.014	0.008	0.007	0.008	0.0098	12
13	0.0238	0.019	0.026	0.025	0.303	0.048	0.050	0.014	0.008	0.007	0.008	0.0118	13
14	0.0208	0.018	0.025	0.028	0.317	0.048	0.031	0.012	0.008	0.007	0.008	0.0138	14
15	0.0178	0.018	0.024	0.036	0.307	0.044	0.027	0.011	0.008	0.007	0.007	0.0148	15
16	0.0188	0.018	0.025	0.028	0.317	0.045A	0.030	0.011	0.008	0.007	0.008	0.0128	16
17	0.0188	0.018	0.025	0.047	0.317	0.058	0.031	0.011	0.008	0.007	0.008	0.0098	17
18	0.020	0.018	0.024	0.057	0.308	0.048	0.028	0.010	0.008	0.008	0.008	0.0098	18
19	0.021	0.018	0.025	0.100	0.282	0.040	0.024	0.011	0.008	0.008	0.008	0.0088	19
20	0.019	0.018	0.078	0.100	0.284	0.048	0.023	0.010	0.008	0.008	0.008	0.0088	20
21	0.0198	0.018	0.027	0.123	0.263	0.051	0.023	0.010	0.008	0.008	0.008	0.0088	21
22	0.0188	0.019	0.026	0.118	0.240	0.042	0.023	0.010	0.008	0.008	0.007	0.0088	22
23	0.0178	0.024	0.029	0.151	0.212	0.043	0.023	0.010	0.008	0.008	0.007	0.0088	23
24	0.0188	0.030	0.029	0.220E	0.192	0.051	0.025	0.011	0.008	0.007	0.007	0.0088	24
25	0.019	0.030	0.028	0.180	0.170	0.048	0.024	0.010	0.008	0.007	0.007	0.0078	25
26	0.019	0.024	0.030	0.200	0.155	0.041	0.023	0.009	0.008	0.008	0.008	0.0088	26
27	0.020	0.022	0.027	0.198	0.140	0.037	0.022	0.010	0.008	0.007	0.008	0.0088	27
28	0.020	0.022	0.028	0.227	0.128	0.033	0.022	0.010	0.008	0.008	0.007	0.0078	28
29	0.020		0.026	0.281	0.118	0.042	0.021	0.009	0.007	0.008	0.008	0.0088	29
30	0.018		0.030	0.298	0.089	0.038	0.021	0.009	0.008	0.008	0.008	0.0088	30
31	0.018		0.028		0.101		0.021	0.009		0.008		0.0108	31
TOTAL	0.611	0.561	0.832	2.735	8.487	1.988	1.057	0.384	0.242	0.218	0.238	0.282	TOTAL
MEAN	0.020	0.020	0.027	0.091	0.274	0.066	0.034	0.013	0.008	0.007	0.008	0.008	MEAN
MAX	0.025	0.030	0.046	0.298	0.400	0.087	0.130	0.020	0.008	0.008	0.010	0.014	MAX
MIN	0.017	0.018	0.020	0.025	0.089	0.033	0.021	0.009	0.007	0.008	0.008	0.008	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.067
MAXIMUM DAILY, 0.400 ON MAY 4
MINIMUM DAILY, 0.005 ON DEC 20
MAXIMUM INSTANTANEOUS,
0.430 AT 22:00 PST ON MAY 4

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 28 48 N
LONG 121 02 00 W
DRAINAGE AREA, 15.5 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	52.8	JUL	91.3
FEB	48.5	AUG	34.0
MAR	71.0	SEP	20.9
APR	236	OCT	18.6
MAY	733	NOV	20.6
JUN	144	DEC	22.8

TOTAL DISCHARGE, 1 490 dam³

BIG CREEK ABOVE GROUNDHOG CREEK - STATION NO. 08MB006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.445B	0.400B	0.520B	0.820B	16.6	36.8	12.9	9.73	5.40	2.10	3.49	0.779B	1
2	0.435B	0.395B	0.515B	0.830B	15.9	31.9	16.6	9.13	6.13	2.19	3.81	0.760B	2
3	0.428B	0.390B	0.530B	0.890B	14.6	26.5	20.7	8.14	6.08	2.38	3.25	0.710B	3
4	0.422B	0.385B	0.555B	1.05 B	14.1	20.7	16.6	6.61	5.35	2.21	2.91	0.650B	4
5	0.419B	0.375B	0.590B	1.15 B	13.1	16.6	16.3	6.00	4.64	2.00	2.77	0.630B	5
6	0.418B	0.365B	0.625B	1.24 B	12.5	14.6	14.6	5.77	3.99	1.86	2.40 B	0.610B	6
7	0.430B	0.395B	0.670B	1.32 B	11.0	15.2	11.9	5.73	3.62	1.78	2.05 B	0.605B	7
8	0.435B	0.404B	0.700B	1.31 B	9.06	15.6	10.5	5.89	3.30	1.75	1.66 B	0.605B	8
9	0.430B	0.415B	0.725B	1.29 B	8.01	16.7	9.52	7.48	3.20	1.61	1.60 B	0.610B	9
10	0.421B	0.430B	0.735B	1.28 B	7.04	15.4	8.94	7.64	2.87	1.46	1.76 B	0.620B	10
11	0.407B	0.470B	0.750B	1.35 B	8.44	13.2	9.05	9.54	2.77	1.67	1.77 B	0.630B	11
12	0.400B	0.525B	0.765B	1.51 B	11.1	11.7	11.8	8.35	2.52	1.78	1.80 B	0.620B	12
13	0.391B	0.560B	0.770B	1.75 B	13.1	10.8	12.0	7.82	2.39	1.80	1.88 B	0.600B	13
14	0.390B	0.561B	0.780B	2.00 B	15.8	10.6	12.4	9.03	2.22	1.77	1.81 B	0.535B	14
15	0.407B	0.555B	0.780B	2.35 B	13.7	12.4	12.2	7.89	2.10	1.70	1.85 B	0.465B	15
16	0.417B	0.535B	0.785B	2.75 B	12.9	14.1	13.8	6.72	2.18	1.45	1.75 B	0.420B	16
17	0.412B	0.530B	0.790B	3.30 B	14.1	12.4	14.5	6.07	2.77	1.64	1.54 B	0.365B	17
18	0.408B	0.520B	0.795B	4.45 B	13.2	10.8	13.2	5.62	2.83	1.58	1.45 B	0.345B	18
19	0.401B	0.520B	0.795B	5.40 B	14.4	9.84	12.6	5.02	2.52	1.47	1.35 B	0.310B	19
20	0.398B	0.530B	0.800B	6.20 B	22.4	9.26	16.9	4.45	2.57	1.51	1.30 B	0.295B	20
21	0.395B	0.542B	0.800B	6.80 B	22.9	9.60	20.0	4.16	3.16	1.80	1.24 B	0.294B	21
22	0.388B	0.555B	0.815B	7.50 B	22.6	10.0	15.9	3.96	3.33	1.69	1.20 B	0.290B	22
23	0.365B	0.558B	0.820B	8.20 B	23.6	11.3	13.5	4.05	3.14	1.47	1.17 B	0.290B	23
24	0.387B	0.555B	0.820B	8.75 B	24.3	14.0	12.1	4.28	3.03	1.58	1.13 B	0.291B	24
25	0.398B	0.552B	0.820B	9.50 B	24.8	15.2	11.1	4.22	2.88	1.63	1.09 B	0.300B	25
26	0.402B	0.550B	0.820B	10.5 B	23.1	16.9	10.3	4.22	2.68	3.31	1.04 B	0.355B	26
27	0.408B	0.545B	0.815B	11.6	22.7	15.1	9.05	4.18	2.48	6.88	1.00 B	0.415B	27
28	0.408B	0.540B	0.810B	14.5	23.8	15.6	8.61	4.08	2.16	6.17	0.950B	0.475B	28
29	0.406B		0.810B	17.0	28.7	16.8	8.26	4.24	2.07	4.66	0.890B	0.525B	29
30	0.402B		0.815B	18.0	35.9	14.9	7.59	4.34	2.03	4.96	0.830B	0.590B	30
31	0.400B		0.820B		35.4		8.04	4.84		4.78		0.620B	31
TOTAL	12.682	13.677	22.940	154.590	551.35	460.90	393.48	188.41	96.39	75.14	53.030	15.619	TOTAL
MEAN	0.409	0.488	0.740	5.15	17.8	15.4	12.7	6.08	3.21	2.42	1.76	0.504	MEAN
MAX	0.445	0.561	0.820	18.0	35.4	36.8	20.7	9.73	6.13	6.88	3.81	0.779	MAX
MIN	0.365	0.375	0.515	0.820	7.04	9.26	7.59	3.96	2.03	1.45	0.830	0.290	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.65
MAXIMUM DAILY, 35.4 ON MAY 31
MINIMUM DAILY, 0.290B ON DEC 22
MAXIMUM INSTANTANEOUS,
41.3 AT 08:58 PST ON MAY 31

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 21 22 N
LONG 123 06 52 W
DRAINAGE AREA, 1 020 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 100	JUL	34 000
FEB	1 180	AUG	16 300
MAR	1 980	SEP	8 330
APR	13 400	OCT	6 490
MAY	47 600	NOV	4 820
JUN	39 800	DEC	1 350

TOTAL DISCHARGE, 178 000 dam³

BIG CREEK BELOW GRAVEYARD CREEK - STATION NO. 08MB007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.360B	0.292B	0.235B	0.351B	6.40E	17.3	6.63	5.26	2.97	0.820	1.26	0.483B	1
2	0.352B	0.261B	0.226B	0.346B	6.20E	13.7	7.31	4.66	3.05	0.679	1.16	0.440B	2
3	0.348B	0.274B	0.237B	0.347B	7.40E	10.7	7.02	3.96	2.82	0.677	1.08	0.410B	3
4	0.340B	0.269B	0.240B	0.346B	6.60E	7.33	6.87	3.37	2.46	0.642	0.936	0.390B	4
5	0.336B	0.265B	0.246B	0.345B	6.10E	5.84	6.21	3.16	2.03	0.692	0.747	0.370B	5
6	0.334B	0.266B	0.255B	0.344B	5.40E	5.06	5.46	3.15	1.87	0.591	0.660B	0.360B	6
7	0.340B	0.267B	0.265B	0.350B	4.95E	6.03	4.56	3.16	1.54	0.540B	0.645B	0.360B	7
8	0.348B	0.268B	0.271B	0.368B	4.45E	6.63	4.05	3.83	1.38	0.520B	0.630B	0.375B	8
9	0.345B	0.270B	0.280B	0.390B	4.00E	6.46	3.62	4.50	1.31	0.500B	0.605B	0.368B	9
10	0.339B	0.276B	0.290B	0.410B	3.70E	5.97	3.75	4.71	1.23	0.480B	0.615B	0.366B	10
11	0.330B	0.279B	0.300B	0.480B	5.00E	4.99	4.86	5.30	1.16	0.460B	0.640B	0.360B	11
12	0.324B	0.260B	0.320B	0.670B	6.10E	4.12	6.43	4.71	1.10	0.505B	0.660B	0.382B	12
13	0.319B	0.276B	0.330B	0.680B	7.50E	3.86	6.42	4.73	1.10	0.498B	0.676B	0.372B	13
14	0.312B	0.271B	0.335B	0.780B	8.60E	4.38	5.84	5.26	1.10	0.479B	0.695B	0.356B	14
15	0.316B	0.265B	0.340B	0.850B	8.45E	6.56	4.68	4.01	1.04	0.465B	0.710B	0.344B	15
16	0.326B	0.255B	0.345B	1.45 B	8.25E	6.24	5.76	3.71	1.26	0.460B	0.690B	0.325B	16
17	0.332B	0.249B	0.350B	1.85 B	8.30E	5.14	5.64	3.38	1.32	0.486	0.665B	0.310B	17
18	0.330B	0.240B	0.350B	2.21 B	8.45E	4.60	5.44	3.23	1.19	0.581	0.530B	0.295B	18
19	0.320B	0.236B	0.350B	2.55 B	8.40E	4.45	5.72	2.63	0.784	0.446	0.610B	0.280B	19
20	0.320B	0.236B	0.350B	2.61 B	8.73A	4.24	6.62	2.53	0.652	0.477	0.590B	0.267B	20
21	0.312B	0.236B	0.349B	3.00 B	8.59	4.30	7.80	2.59	0.905	0.503	0.580B	0.260B	21
22	0.309B	0.240B	0.349B	3.25 B	10.3	5.08	6.43	2.86	0.842	0.722	0.570B	0.255B	22
23	0.302B	0.242B	0.348B	3.50 B	10.8	5.99	5.89	2.75	0.839	0.870	0.568B	0.253B	23
24	0.297B	0.240B	0.348B	3.75 B	11.1	6.16	5.36	2.75	0.820	0.901	0.565B	0.250B	24
25	0.300B	0.239B	0.347B	4.15 B	11.2	5.35	5.10	2.69	0.810	0.783	0.560B	0.265B	25
26	0.302B	0.238B	0.350B	4.70 B	10.5	5.56	4.42	2.43	0.735	3.02	0.540B	0.276B	26
27	0.308B	0.237B	0.350B	5.10 B	10.4	6.84	3.90	2.24	0.837	2.64	0.530B	0.310B	27
28	0.311B	0.235B	0.352B	5.60 B	11.3	7.31	4.32	2.46	0.728	1.67	0.510B	0.340B	28
29	0.310B		0.356B	7.50 E	15.0	6.66	4.06	2.44	0.704	1.53	0.500B	0.380B	29
30	0.305B		0.356B	8.60 E	18.0	6.33	4.12	2.63	0.734	1.70	0.480B	0.440B	30
31	0.299B		0.355B		20.2		4.99	2.69		1.90		0.490B	31
TOTAL	10.037	7.228	9.780	67.120	276.37	192.96	170.20	106.02	36.270	27.264	20.226	10.776	TOTAL
MEAN	0.324	0.258	0.316	2.24	8.92	6.43	5.49	3.45	1.21	0.882	0.678	0.348	MEAN
MAX	0.360	0.292	0.356	8.60	20.2	17.3	8.62	5.30	3.05	3.02	1.26	0.490	MAX
MIN	0.297	0.235	0.235	0.344	3.70	3.68	3.62	2.24	0.637	0.446	0.480	0.250	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.57
MAXIMUM DAILY, 20.2 ON MAY 31
MINIMUM DAILY, 0.235B ON FEB 19
MAXIMUM INSTANTANEOUS,
23.4 AT 00:22 PST ON MAY 31

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 15 37 N
LONG 123 05 33 W
DRAINAGE AREA, 232 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	867	JUL	14 700
FEB	624	AUG	9 330
MAR	845	SEP	3 380
APR	5 800	OCT	2 360
MAY	23 900	NOV	1 760
JUN	16 700	DEC	931

TOTAL DISCHARGE, 81 200 dam³

BIG SHEEP CREEK NEAR ROSSLAND - STATION NO. 08NE039

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.7808	1.51	5.86	9.10	27.6	44.1	8.11	4.00	1.15	0.705	0.782	2.87	1
2	0.7858	1.46	5.84	9.86	29.2	39.7	9.52	3.75	1.14	0.898	0.828	2.79	2
3	0.7809	1.42	5.80	9.42	30.6	35.3	10.6	3.85	1.17	0.878	1.23	2.80	3
4	0.8058	1.45	6.80	9.02	30.9	30.0	9.30	3.31	1.14	0.678	2.30	2.88	4
5	0.8458	1.418	7.36	8.94	30.5	26.7	8.40	3.15	1.10	0.884	2.86	2.62	5
6	0.8408	1.388	8.12	9.20	33.6	23.8	8.12	2.92	1.05	0.863	2.86	2.87	6
7	0.8258	1.378	8.28	10.7	42.6	23.1	8.06	2.78	1.02	0.858	2.86	2.44	7
8	0.815	1.32	8.81	12.1	43.1	22.8	7.35	2.61	0.977	0.861	2.63	2.46	8
9	0.817	1.31	12.5	11.8	35.9	22.5	7.00	2.58	0.883	0.857	2.33	2.52	9
10	0.891	1.27	23.5	11.5	28.7	22.0	6.46	2.49	1.00	0.846	2.36	2.56	10
11	0.895	1.24	27.3	10.5	27.2	24.2	6.00	2.84	1.08	0.843	2.86	2.46	11
12	0.885	1.38	20.8	9.73	26.1	19.0	6.23	3.36	1.05	0.838	3.05	2.35	12
13	0.884	1.57	17.8	9.12	26.9	18.3	7.00	2.80	1.01	0.834	3.28	2.33	13
14	0.878	1.84	15.8	8.85	27.3	14.8	7.71	2.56	0.950	0.827	3.35	2.36	14
15	0.8658	1.78	14.3	9.01	29.3	16.2	7.30	2.39	0.884	0.830	3.76	2.30	15
16	0.8758	1.98	13.0	9.96	31.3	17.1	6.96	2.23	0.834	0.822	3.86	2.108	16
17	0.888	2.29	12.1	11.4	32.7	16.2	7.27	2.13	0.801	0.739	4.01	2.068	17
18	0.883	2.46	11.2	14.0	31.9	14.6	6.67	2.03	0.882	0.785	5.76	1.988	18
19	0.888	2.80	10.5	17.2	31.5	13.1	6.15	1.92	0.888	0.894	5.61	2.028	19
20	0.905	2.90	9.89	20.8	31.4	11.6	5.23	1.80	0.840	0.712	5.19	2.048	20
21	0.898	2.87	9.02	23.6	29.8	10.6	5.20	1.71	0.825	0.884	4.69	2.028	21
22	0.906	2.19	8.52	27.1	45.2	9.76	5.89	1.83	0.823	0.790	4.35	1.988	22
23	0.914	3.42	8.46	31.0	48.4	9.18	5.22	1.86	0.818	0.780	4.09	1.938	23
24	0.878	3.98	8.50	46.1	52.8	10.8	4.90	1.57	0.792	0.895	3.89	1.838	24
25	0.894	4.85	8.24	57.4	56.3	10.3	4.76	1.53	0.789	0.871	3.84	1.878	25
26	0.983	5.89	8.05	46.1	58.2	9.00	4.00	1.47	0.756	0.858	3.87	1.868	26
27	1.36	5.77	8.20	37.4	55.2	8.37	5.45	1.43	0.743	0.850	3.84	1.708	27
28	1.86	5.88	8.47	31.9	55.7	7.91	5.08	1.40	0.717	0.845	3.36	1.788	28
29	1.59		9.18	28.0	57.0	7.71	4.84	1.34	0.710	0.850	3.17	1.788	29
30	1.55		9.89	27.0	57.3	8.58	4.45	1.29	0.703	0.862	3.06	1.748	30
31	1.56		8.21		51.4		4.18	1.23		0.837		1.788	31
TOTAL	30.237	59.80	241.68	577.92	1 208.7	644.42	207.01	71.43	27.884	21.170	99.868	67.96	TOTAL
MEAN	0.975	2.03	11.0	18.3	38.9	18.1	6.84	2.30	0.933	0.883	3.32	2.19	MEAN
MAX	1.85	5.86	27.3	57.4	58.2	44.1	10.6	4.00	1.15	0.837	5.76	3.87	MAX
MIN	0.780	1.24	5.84	8.85	26.1	7.71	4.18	1.23	0.703	0.827	0.782	1.84	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.84
MAXIMUM DAILY, 58.2 ON MAY 26
MINIMUM DAILY, 0.827 ON OCT 14
MAXIMUM INSTANTANEOUS,
61.8 AT 09:55 PST ON MAY 26

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 01 00 N
LONG 117 58 40 W
DRAINAGE AREA, 347 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 610	JUL	17 900
FEB	6 010	AUG	6 170
MAR	29 500	SEP	3 420
APR	49 900	OCT	1 830
MAY	104 000	NOV	8 610
JUN	67 000	DEC	5 870

TOTAL DISCHARGE, 282 000 dam³

BINGS CREEK NEAR THE MOUTH - STATION NO 08NA016

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.334	0.804	0.870	1.00	0.174	0.072	0.040	0.023	0.258	0.026	---	---	1
2	0.318	0.629	0.848	0.980	0.174	0.072	0.040	0.021	0.187	0.025	---	---	2
3	0.286	0.481	0.780	0.980	0.181	0.084	0.037	0.021	0.0858	0.025	0.138	---	3
4	3.43	0.404	0.720E	0.828	0.181	0.084	0.037	0.021	0.0848	0.025	---	---	4
5	3.12	0.386	0.700E	0.524	0.148	0.084E	0.034	0.019	0.0428	0.026	---	---	5
6	2.77	0.318	1.05 E	0.481	0.124	0.084E	0.034	0.018	0.025	0.025	---	---	6
7	2.30	0.318	1.70 E	0.386	0.135	0.052E	0.031	0.018	0.023	0.025	---	---	7
8	1.63 E	0.594	3.00	0.360	0.135	0.050E	0.031	0.018	0.024	0.025	---	---	8
9	1.80	0.936	3.84	0.334	0.148	0.048	0.031	0.017	0.025	0.025	---	---	9
10	1.33	1.22	3.12	0.334	0.151	0.040	0.028	0.017	0.4408	0.025	---	---	10
11	1.30	6.84	2.28	0.334	0.148	0.037	0.023	0.017	0.2408	0.025	---	---	11
12	1.00	4.79	1.80	0.318	0.138	0.037	0.028	0.015	0.1108	0.025	---	---	12
13	0.670	3.94	1.20	0.318	0.134	0.040	0.028	0.015	0.0808	0.025	---	---	13
14	0.850	2.18	0.958	0.286	0.113	0.038	0.028	0.015	0.0888	0.025	---	---	14
15	0.629	2.13	0.782	0.270	0.102	0.040	0.028	0.015	0.0408	0.025	---	---	15
16	0.845	2.05	0.760	0.258	0.102	0.040	0.028	0.015	0.031	0.025	4.29	---	16
17	0.503	3.74	0.738	0.286	0.102	0.040	0.028	0.015	0.034	0.025	---	---	17
18	0.481	3.84	0.738	0.242	0.091	0.042	0.025	0.015	0.034	0.025	---	---	18
19	0.440	3.08	0.850	0.214	0.091	0.040	0.025	0.015	0.034	0.025	---	---	19
20	0.388	3.30 E	0.648	0.214	0.091	0.040	0.025	0.015	0.031	0.040	---	---	20
21	0.350	2.80 E	0.524	0.200	0.080	0.038E	0.025	0.015	0.031	0.037	---	---	21
22	0.318	2.58	0.481	0.200	0.080	0.038E	0.025	0.015	0.028	0.037	1.28	---	22
23	0.286	1.88	0.430	0.187	0.080	0.040E	0.025	0.015	0.025	0.031	---	---	23
24	0.270	1.50	0.440	0.187	0.072	0.044E	0.025	0.015	0.025	0.0298	---	---	24
25	0.286	1.47	0.422	0.200	0.084	0.040E	0.025	0.015	0.025	0.0278	---	---	25
26	1.56	1.22	0.386	0.228	0.084	0.040	0.025	0.015	0.025	0.028E	---	---	26
27	1.53	0.880	0.386	0.214	0.084	0.037	0.025	0.015	0.025	0.028E	---	---	27
28	1.36	0.838	0.404	0.200	0.084	0.037	0.025	0.015	0.025	0.028E	---	---	28
29	1.22		0.422	0.187	0.084	0.040	0.023	0.015	0.025	0.028E	---	---	29
30	1.19		0.803	0.187	0.084	0.040	0.023	0.024	0.025	0.028E	---	---	30
31	0.958		0.780		0.072		0.023	0.040		0.040E	---	---	31
										0.072			
TOTAL	33.200	58.400	32.007	10.873	3.388	1.378	0.883	0.557	3.140	0.889	---	---	TOTAL
MEAN	1.07	1.94	1.03	0.382	0.109	0.046	0.028	0.018	0.071	0.029	---	---	MEAN
MAX	3.43	6.84	3.84	1.00	0.174	0.072	0.040	0.040	0.440	0.072	---	---	MAX
MIN	0.270	0.318	0.386	0.187	0.084	0.038	0.023	0.015	0.023	0.025	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 0.015 ON AUG 12

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 07 23 N
LONG 123 43 28 W
DRAINAGE AREA, 15.5 km²

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 670	JUL	78.3
FEB	4 700	AUG	48.1
MAR	3 770	SEP	185
APR	839	OCT	78.8
MAY	293	NOV	---
JUN	119	DEC	---

BIRD CREEK ABOVE DIVERSION - STATION NO. 08HJ179

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	0.108E	0.089	0.030	0.023	0.031	---	1
2	---	---	---	---	---	---	0.110E	0.080	0.031	0.023	0.031	---	2
3	---	---	---	---	---	---	0.090E	0.080	0.037	0.026	0.106	---	3
4	---	---	---	---	---	---	0.087E	0.080	0.035	0.026	0.077	---	4
5	---	---	---	---	---	---	0.082E	0.080	0.033	0.026	0.052	---	5
6	---	---	---	---	---	---	0.085E	0.084	0.035	0.026	0.052	---	6
7	---	---	---	---	---	---	0.090E	0.084	0.031	0.026	0.046	---	7
8	---	---	---	---	---	---	0.088	0.081	0.031	0.026	0.042	---	8
9	---	---	---	---	---	---	0.077	0.082	0.032	0.026	0.046	---	9
10	---	---	---	---	---	---	0.072	0.081	0.037	0.026	0.046	---	10
11	---	---	---	---	---	---	0.072	0.083	0.043	0.026	0.052	---	11
12	---	---	---	---	---	---	0.078	0.082	0.043	0.033	0.052	---	12
13	---	---	---	---	---	---	0.130	0.081	0.035	0.033	0.052	---	13
14	---	---	---	---	---	---	0.094	0.080	0.035	0.033	0.060	---	14
15	---	---	---	---	---	---	0.090	0.081	0.038	0.034	0.077	---	15
16	---	---	---	---	---	---	0.084	0.082	0.031	0.026	0.076	---	16
17	---	---	---	---	---	---	0.078	0.082	0.030	0.026	0.104	---	17
18	---	---	---	---	---	---	0.077	0.081	0.029	0.026	0.088	---	18
19	---	---	---	---	---	---	0.072	0.080	0.029	0.026	0.085	---	19
20	---	---	---	---	---	---	0.088	0.029	0.030	0.026	0.088	---	20
21	---	---	---	---	---	---	0.087	0.028	0.030	0.026	0.088	---	21
22	---	---	---	---	---	---	0.077	0.027	0.031	0.063	0.077	---	22
23	---	---	---	---	---	---	0.077	0.027	0.030	0.030	0.077	---	23
24	---	---	---	---	---	---	0.088	0.084	0.028	0.031	0.077	---	24
25	---	---	---	---	---	---	0.124	0.081E	0.029	0.028	0.076	---	25
26	---	---	---	---	---	---	0.086	0.047E	0.028	0.028	0.073	---	26
27	---	---	---	---	---	---	0.083	0.044E	0.027	0.026	0.076	---	27
28	---	---	---	---	---	---	0.078	0.041E	0.027	0.028	0.080	---	28
29	---	---	---	---	---	---	0.073	0.038E	0.026	0.027	0.063	---	29
30	---	---	---	---	---	---	0.070	0.034E	0.024	0.026	0.053	---	30
31	---		---		---		0.068	0.031		0.030		---	31
TOTAL	---	---	---	---	---	---	2.507	1.658	0.951	0.899	1.971	---	TOTAL
MEAN	---	---	---	---	---	---	0.084	0.067	0.032	0.029	0.066	---	MEAN
MAX	---	---	---	---	---	---	0.124	0.089	0.043	0.063	0.106	---	MAX
MIN	---	---	---	---	---	---	0.068	0.031	0.024	0.023	0.031	---	MIN

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 37 11 N
LONG 117 37 34 W

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	335
FEB	---	AUG	137
MAR	---	SEP	83.2
APR	---	OCT	88.9
MAY	---	NOV	170
JUN	---	DEC	---

BLACK CREEK AT STURGESS ROAD - STATION NO. 08NB014

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	3.76	0.303	0.061	0.102	0.017	0	---	---	---	1
2	---	---	---	2.88	0.182	0.061	0.162	0.014	0	---	---	---	2
3	---	---	---	1.86	0.142	0.061	0.133	0.013	0	---	---	---	3
4	---	---	---	1.76	0.125	0.061	0.150	0.008	0	---	---	---	4
5	---	---	---	1.48	0.125	0.061	0.184	0.006	0	---	---	---	5
6	---	---	---	1.20	0.093	0	0.188	0.007	0	---	---	---	6
7	---	---	---	0.910	0.083	0	0.190	0.007	0	---	---	---	7
8	---	---	---	0.835	0.077	0	0.188	0.278	0	---	---	---	8
9	---	---	---	0.703	0.077	0	0.186	0.102	0	---	---	---	9
10	---	---	---	0.582	0.093	0	0.082	0.072	0	---	---	---	10
11	---	---	---	0.762	0.108	0	0.036	0.067	0	0.012	---	---	11
12	---	---	---	0.672	0.093	0	0.036	0.066	0	---	---	---	12
13	---	---	---	0.612	0.081	0	0.036	0.065	0	---	---	---	13
14	---	---	---	0.582	0.068	0	0.035	0.033	0	---	---	---	14
15	---	---	---	0.434	0.034	0	0.035	0.012	0	---	---	---	15
16	---	---	---	0.362	0.034	0	0.034	0.003	0	---	---	---	16
17	---	---	---	0.338	0.025	0	0.034	0.003	0	---	---	---	17
18	---	---	---	0.278	0.017	0	0.034	0	0	---	---	---	18
19	---	---	---	0.238	0.013	0.180	0.034	0	0	---	---	---	19
20	---	---	---	0.238	0.008	0.182	0.034	0	0	---	---	---	20
21	---	---	---	0.203	0.006	0.180	0.034	0	0	---	---	---	21
22	---	---	---	0.203	0.003	0.178	0.034	0	0	---	---	---	22
23	---	---	0.887	0.203	0.003	0.174	0.034	0	0	---	---	---	23
24	---	---	---	0.203	0.031	0.180	0.018	0	0	---	---	---	24
25	---	---	---	0.234	0.001	0.186	0.014	0	0	---	---	---	25
26	---	---	---	0.260	0.001	0.184	0.018	0	0	---	---	---	26
27	---	---	---	0.308	0.001	0.184	0.022	0	0	---	---	---	27
28	---	---	---	0.284	0.001	0.180	0.018	0	0	---	---	---	28
29	---		---	0.303	0.001	0.180	0.018	0	0	---	---	---	29
30	---		---	0.263	0.001	0.182	0.018	0	0	---	---	---	30
31	---		---		0.001		0.017	0		---		---	31
TOTAL	---	---	---	21.842	1.845	3.231	3.116	0.831	0	---	---	---	TOTAL
MEAN	---	---	---	0.731	0.053	0.074	0.086	0.033	0	---	---	---	MEAN
MAX	---	---	---	3.76	0.303	0.186	0.182	0.278	0	---	---	---	MAX
MIN	---	---	---	0.203	0.001	0	0.014	0	0	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 0 ON JUN 6

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 48 20 N
LONG 120 06 23 W
DRAINAGE AREA, 71.7 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	183
FEB	---	AUG	70.0
MAR	---	SEP	0
APR	1 900	OCT	---
MAY	143	NOV	---
JUN	193	DEC	---

BLACKBURN LAKE ON SALTSPRING ISLAND - STATION NO. 08HA043

DAILY WATER LEVEL IN METRES FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	---	---	---	---	---	2
3	---	---	---	---	---	---	---	---	---	2.035	---	---	3
4	---	---	---	---	---	---	2.130	---	---	---	---	---	4
5	---	---	---	---	---	---	---	2.085	---	---	---	---	5
6	---	---	---	---	---	---	---	---	2.020	---	---	---	6
7	---	---	---	---	---	2.125	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	2.185	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	1.985	---	2.035	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	2.080	---	---	---	---	---	24
25	---	---	---	---	---	2.123	---	---	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	---	---	---	---	---	---	---	---	2.102	---	---	28
29	---		---	---	---	---	---	---	---	---	---	---	29
30	---		---	---	---	---	---	---	---	---	---	---	30
31	---		---		---		---	1.985	---	---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - MANUAL
LOCATION - LAT 48 49 15 N
LONG 123 30 55 W
DATA CONTRIBUTED BY -
BRITISH COLUMBIA MINISTRY OF ENVIRONMENT

NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

BLACKHILL CREEK NEAR PAVILION - STATION NO. 08MD029

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.001	0.004	0.032E	0.002	0	0	0	---	---	1
2	---	---	---	0.001	0.003	0.025E	0.002E	0	0	0	---	---	2
3	---	---	---	0.001	0.003	0.040E	0.003E	0	0	0	---	---	3
4	---	---	---	0.001	0.003	0.034E	0.002E	0	0	0	---	---	4
5	---	---	---	0.001	0.004	0.031E	0.002A	0	0	---	---	---	5
6	---	---	---	0.002	0.011	0.025E	0.002	0	0	---	---	---	6
7	---	---	---	0.003	0.013	0.024E	0.003	0	0	---	---	---	7
8	---	---	---	0.002	0.012	0.020E	0.001	0	0	---	---	---	8
9	---	---	---	0.002	0.013	0.019E	0.002	0	0	---	---	---	9
10	---	---	---	0.002	0.010	0.018E	0.001	0	0	---	---	---	10
11	---	---	---	0.002	0.010	0.018E	0.001	0	0	---	---	---	11
12	---	---	---	0.002	0.010	0.020E	0.002	0	0	---	---	---	12
13	---	---	---	0.002	0.011	0.044A	0.002	0	0	---	---	---	13
14	---	---	---	0.001	0.013	0.003	0.001	0	0	---	---	---	14
15	---	---	---	0.002	0.012	0.002	0.003	0	0	---	---	---	15
16	---	---	---	0.002	0.013	0.002	0.002	0	0	---	---	---	16
17	---	---	---	0.004	0.012A	0.002	0.002	0	0	---	---	---	17
18	---	---	---	0.004	0.014	0.002	0.001	0	0	---	---	---	18
19	---	---	---	0.006	0.015	0.002	0.001	0	0	---	---	---	19
20	---	---	---	0.006	0.016	0.003	0.003	0	0	---	---	---	20
21	---	---	---	0.004	0.019	0.003	0.002	0	0	---	---	---	21
22	---	---	---	0.004	0.022	0.002	0	0	0	---	---	---	22
23	---	---	0.003A	0.004	0.028	0.003	0	0	0	---	---	---	23
24	---	---	0.002	0.004	0.040	0.002	0	0	0	---	---	---	24
25	---	---	0.002	0.009	0.045E	0.003	0	0	0	---	---	---	25
26	---	---	0.002	0.007	0.050E	0.002	0	0	0	---	---	---	26
27	---	---	0.002	0.006	0.053E	0.001	0	0	0	---	---	---	27
28	---	---	0.002	0.006	0.051E	0.001	0	0	0	---	---	---	28
29	---		0.002	0.007	0.052E	0.002	0	0	0	---	---	---	29
30	---		0.002	0.008	0.055E	0.002	0	0	0	---	---	---	30
31	---		0.002		0.054E		0	0		---		---	31
TOTAL	---	---	---	0.107	0.384	0.384	0.042	0	0	---	---	---	TOTAL
MEAN	---	---	---	0.004	0.023	0.013	0.001	0	0	---	---	---	MEAN
MAX	---	---	---	0.009	0.055	0.063	0.003	0	0	---	---	---	MAX
MIN	---	---	---	0.001	0.003	0.001	0	0	0	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 0.055E ON MAY 30
MINIMUM DAILY, 0 ON JUL 22

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 49 00 N
LONG 123 53 43 W

A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	3.63
FEB	---	AUG	0
MAR	---	SEP	0
APR	0.24	OCT	---
MAY	80.0	NOV	---
JUN	31.4	DEC	---

BLAEBERRY RIVER ABOVE WILLOWBANK CREEK - STATION NO. 08NB012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.95B	2.48B	2.01	2.51	9.86	84.0	37.9	39.7	29.3	7.71	9.28	3.74B	1
2	2.94B	2.45B	1.95	2.84	10.2	66.5	34.2	44.1	31.4	7.60	8.38	3.36B	2
3	2.91B	2.31B	1.85	2.82	10.3	47.0	39.7	43.2	22.5	7.10	8.48	3.35B	3
4	2.90B	1.90B	1.84	3.04	10.5	39.2	39.1	37.5	27.0	7.17	10.2	3.34B	4
5	2.69B	1.44B	1.81	3.16	10.9	36.1	39.2	36.7	21.2	6.66	9.36	3.30B	5
6	2.60B	1.45B	1.87	3.26	12.6	36.2	45.9	40.2	17.2	6.50	8.88	3.33B	6
7	2.68B	2.00B	1.86	4.19	15.9	42.5	56.3	37.4	16.6	6.26	8.16	3.34B	7
8	2.69B	2.29B	1.84	4.49	16.2	46.7	51.3	39.2	14.7	6.00	7.67	3.30B	8
9	2.65B	2.20B	1.84	4.15	14.3	46.7	41.9	41.9	13.4	5.84	7.11	3.43B	9
10	2.65B	2.14B	2.14	4.01	12.7	43.5	36.0	44.4	12.2	5.84	6.70	3.59B	10
11	2.84	2.10B	2.38	3.80	12.0	37.1	37.4	46.6	11.9	5.45	6.55	3.72B	11
12	2.94	2.22B	2.21	3.38	11.9	31.9	85.0	48.7	11.3	5.20	6.31	3.84B	12
13	3.34	2.25B	2.22	3.34	13.0	29.6	71.1	39.6	10.9	5.31	6.04	3.90B	13
14	2.99	2.25B	2.24	3.36	14.2	31.3	79.3	46.9	12.5	5.39	5.72	3.88B	14
15	2.89	2.24A	2.30	3.61	14.8	36.0	56.6	41.0	11.9	5.42	5.05	3.79B	15
16	2.64B	2.12	2.24	3.98	15.4	43.7	46.2	34.3	13.2	5.10	5.88	3.79B	16
17	2.94B	2.05	2.26	4.45	16.3	42.3	36.6	32.5	13.0	4.99	5.60	3.72B	17
18	2.65B	2.13	2.17	5.44	16.0	43.2	37.1	29.0	11.0	4.86	5.34	3.63B	18
19	2.62B	2.08	2.09	6.69	14.9	33.3	37.3	35.3	9.65	4.73	5.24	3.59B	19
20	2.52B	2.03	2.30	7.87	14.5	29.1	38.6	26.0	9.26	4.72	4.96	3.33B	20
21	2.50B	2.03	2.19	8.80	16.7	25.0	38.5	24.1	8.92	4.64	4.77	3.30B	21
22	2.49B	1.89	1.90	9.34	18.4	26.2	34.2	23.3	9.10	5.28	4.88	3.28B	22
23	2.48B	1.88	2.24	9.72	22.7	33.4	36.9	24.0	9.46	5.59	4.68	3.28B	23
24	2.46B	2.04	2.16	11.2	29.2	43.2	37.6	24.3	9.74	4.85	4.87	3.30B	24
25	2.61B	2.15	2.05	14.0	35.4	36.7	36.9	31.0	10.7	4.91	4.67	3.30B	25
26	2.64B	2.20	2.08	12.2	30.9	29.6	38.5	28.2	12.2	6.57A	4.57	3.30B	26
27	2.64B	2.09	2.16	11.1	36.6	29.6	26.4	24.6	12.9	15.4	4.55	3.29B	27
28	2.56B	2.07	2.24	10.4	47.0 A	21.9	26.5	25.4	9.80	11.1	4.44	3.29B	28
29	2.44B		2.26	10.2	61.4	38.1	27.7	23.7	9.85	9.09	4.27	3.30B	29
30	2.38B		2.36	10.6	73.2	44.6	29.1	25.6	8.07	8.14	4.20	3.31B	30
31	2.50B		2.53		73.2		34.7	29.7		9.29		3.32B	31
TOTAL	84.92	58.68	65.86	187.47	720.48	1 160.4	1 315.2	1 055.2	429.45	202.62	186.40	107.73	TOTAL
MEAN	2.74	2.10	2.12	6.25	23.2	38.7	42.4	34.0	14.3	6.54	6.21	3.48	MEAN
MAX	3.34	2.48	2.53	14.0	73.2	84.0	85.0	48.7	32.5	15.4	10.2	3.90	MAX
MIN	2.38	1.44	1.84	2.51	9.86	25.0	26.5	23.3	8.07	4.64	4.20	3.28	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 15.3
MAXIMUM DAILY, 85.0 ON JUL 12
MINIMUM DAILY, 1.44B ON FEB 5
MAXIMUM INSTANTANEOUS,
102 AT 14:50 MST ON JUL 12

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 28 53 N
LONG 116 56 06 W
DRAINAGE AREA, 588 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	7 340	JUL	114 000
FEB	5 070	AUG	91 200
MAR	5 690	SEP	37 100
APR	16 200	OCT	17 500
MAY	62 200	NOV	16 100
JUN	100 000	DEC	9 310

TOTAL DISCHARGE, 482 000 dam³

BLAEBERRY RIVER BELOW ENSIGN CREEK - STATION NO. 08NB015

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.26E	1.05 E	0.818	0.880	3.54	29.2	18.0	20.0	15.5 A	3.04	3.83	1.37B	1
2	1.25E	1.04 E	0.855	0.850	3.71	25.5	17.7	21.8	15.5	3.00	3.36	1.23B	2
3	1.24E	0.950E	0.876	0.922	3.84	21.5	20.1	20.7	15.1	2.83	3.36	1.24B	3
4	1.23E	0.760E	0.863	0.946	4.14A	19.6	20.0	19.1	12.7	2.88	4.17	1.23B	4
5	1.23E	0.604E	0.868	1.00	4.36	18.5	20.7	19.1	9.14	2.85	3.57	1.20B	5
6	1.23E	0.820E	0.853	1.04	5.05	19.6	24.9	21.2	7.88	2.58	3.36	1.22B	6
7	1.22E	0.840E	0.880	1.35	6.39	22.7	24.8	19.7	7.20	2.50	3.00	1.22B	7
8	1.21E	0.858E	0.856	1.36	5.59	23.1	22.6	20.3	6.15	2.45	2.78	1.21B	8
9	1.21E	0.828E	0.871	1.22	4.43	22.7	18.9	21.4	5.20	2.41	2.62	1.27B	9
10	1.21E	0.890E	0.930	1.24	3.73	21.1	17.8	21.8	4.47	2.35	2.47	1.32B	10
11	1.22E	0.898E	0.914	1.16	3.56	18.2	20.0	22.2	4.27	2.29	2.43	1.36B	11
12	1.30E	0.842E	0.884	1.09	3.62	16.1	36.1	23.8	4.04	2.28	2.32	1.39B	12
13	1.33E	0.848E	0.891	1.13	3.88	15.4	27.9	22.2	3.92	2.26	2.22	1.42B	13
14	1.21E	0.782A	0.892	1.17	4.58	17.0	29.9	23.6	4.34	2.38	2.12	1.40B	14
15	1.14E	0.765	0.897	1.34	5.19	20.4	21.3	21.8	4.08	2.36	2.08	1.37B	15
16	1.20E	0.741	0.895	1.49	6.10	22.0	18.7	17.7	5.16	2.28	2.08	1.36B	16
17	1.25E	0.736	0.894	1.63	6.84	22.5	18.6	17.3	4.45	2.22	2.01	1.35B	17
18	1.17E	0.776	0.960	2.13	6.32	21.5	16.2	15.6	3.81	2.20	1.93	1.39B	18
19	1.11E	0.776	1.39	2.61	5.60	16.6	17.5	14.2	3.37	2.16	1.86	1.30B	19
20	1.08E	0.784	0.933	2.85	5.73	14.4	16.3	14.3	3.17	2.14	1.76	1.21B	20
21	1.08E	0.781	0.914	3.30	7.16	12.8	17.7	13.1	3.04	2.09	1.69	1.20B	21
22	1.08E	0.782	1.47	3.43	8.69	15.9	16.3	12.7	3.16	2.51	1.68	1.19B	22
23	1.06E	0.784	1.80	3.86	11.2	18.7	17.6	13.3	3.33	2.36	1.73	1.19B	23
24	1.05E	0.803	1.59	4.83	14.2	23.3	16.3	13.1	3.53	2.16	1.68A	1.19B	24
25	1.07E	0.844	1.56	5.85	16.5	18.9	16.2	15.6	4.16	2.24	1.64	1.20B	25
26	1.08E	0.820	1.56	4.62	19.6	15.2	17.8	13.0	5.30	6.17	1.59	1.20B	26
27	1.08E	0.819	1.59	3.87	18.6	15.9	13.6	12.7	5.46	6.40	1.56	1.18B	27
28	1.08E	0.817	1.64	3.74	20.9	18.1	13.4	13.3	4.12	4.93	1.53	1.18B	28
29	1.03E		1.43	3.70	26.7	20.2	16.1	12.4	3.53	3.85	1.55	1.15B	29
30	1.03E		1.11	3.79	30.4	21.5	15.2	14.2	3.25	3.33	1.52	1.20B	30
31	1.06E		0.910		31.0		17.7	16.3		4.01		1.21B	31
TOTAL	35.95	23.173	33.498	68.538	301.42	587.3	608.0	547.0	179.34	81.35	69.33	38.20	TOTAL
MEAN	1.16	0.828	1.08	2.28	9.72	19.6	19.6	17.6	5.98	2.85	2.31	1.26	MEAN
MAX	1.33	1.05	1.80	5.85	31.0	29.2	36.1	23.8	16.1	6.40	4.17	1.42	MAX
MIN	1.03	0.604	0.818	0.850	3.54	12.8	13.4	12.4	3.04	2.09	1.52	1.18	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.08
MAXIMUM DAILY, 36.1 ON JUL 12
MINIMUM DAILY, 0.604E ON FEB 5
MAXIMUM INSTANTANEOUS,
47.7 AT 06:25 MST ON JUL 12

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 38 17 N
LONG 116 44 33 W
DRAINAGE AREA, 230 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	3 110	JUL	52 500
FEB	2 000	AUG	47 300
MAR	2 890	SEP	15 500
APR	5 920	OCT	7 030
MAY	26 000	NOV	5 990
JUN	50 700	DEC	3 300

TOTAL DISCHARGE, 223 000 dam³

BLUE RIVER NEAR THE MOUTH - STATION NO. 10AC004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.40E	3.65E	3.30E	3.55E	8.00E	106	60.6	22.3E	23.6	19.1	5.65E	4.75E	1
2	4.35E	3.60E	3.25E	3.55E	8.80E	97.1	67.7	23.0E	22.8	19.7	4.70E	4.60E	2
3	4.30E	3.70E	3.20E	3.55E	9.40E	89.8	67.4	22.7E	29.0	19.4	6.40E	4.75E	3
4	4.35E	3.80E	3.15E	3.55E	10.0 B	67.4	50.2	22.9E	30.5	20.0	7.80E	4.70E	4
5	4.35E	3.80E	3.05E	3.55E	11.0 B	63.6	46.5	22.0E	30.4	19.8	7.80E	4.80E	5
6	4.30E	3.65E	3.05E	3.55E	12.0 B	62.7	43.8	20.5E	28.3	18.8	7.55E	4.45E	6
7	4.20E	3.70E	3.05E	3.55E	13.0 B	59.4	40.2	19.0E	26.9	18.2	7.50E	4.40E	7
8	4.00E	3.65E	3.05E	3.55E	13.5 B	49.7	35.2	19.0E	27.4	17.8	7.50E	4.40E	8
9	3.85E	3.60E	3.05E	3.55E	14.5 B	45.3	31.7	19.0E	25.8	17.2	7.50E	4.45E	9
10	3.90E	3.60E	3.05E	3.90E	15.5 B	49.4	29.7	18.5E	24.4	16.9 B	7.50E	4.50E	10
11	3.90E	3.50E	3.10E	3.70E	17.0 B	54.9	28.5	18.6E	23.1	16.6 B	7.40E	4.60E	11
12	3.80E	3.50E	3.10E	3.60E	18.0 B	51.8	26.6	18.4E	22.2	16.4	7.30E	4.71E	12
13	3.85E	3.50E	3.10E	3.85E	18.5	44.1	24.2	17.9E	22.1	16.6	7.25E	4.80E	13
14	3.85E	3.50E	3.15E	3.95E	17.5	40.9	22.7	17.5E	21.6	16.3	7.20E	4.45E	14
15	3.85E	3.50E	3.30E	4.00E	16.5	41.0	22.1	17.8E	21.1	14.5	7.10E	4.20E	15
16	3.95E	3.50E	3.20E	4.10E	15.5	50.2	21.6	18.7E	20.4	14.5	6.95E	3.90E	16
17	3.95E	3.50E	3.25E	4.20E	21.2	46.7	20.5	20.0E	19.7	13.5	6.75E	3.75E	17
18	3.95E	3.50E	3.25E	4.40E	20.0	39.6	20.3	21.5E	19.2	14.2	6.55E	3.65E	18
19	3.95E	3.50E	3.25E	4.50E	17.5	46.1	19.8	23.4	18.6	14.2	6.30E	3.55E	19
20	3.90E	3.45E	3.21E	4.70E	18.1	51.7	19.2	23.9	18.4	13.9	6.10E	3.52E	20
21	3.85E	3.45E	3.25E	4.80E	18.1	45.1	19.8	22.9	22.1	13.2 B	5.90E	3.50E	21
22	3.80E	3.45E	3.25E	5.00E	18.2	42.4	20.3	24.9	23.2	12.5 B	5.75E	3.50E	22
23	3.75E	3.45E	3.30E	5.30E	18.8	42.3	28.0	28.3	23.4	12.3 B	5.60E	3.50E	23
24	3.70E	3.45E	3.30E	5.50E	18.7	40.2	24.2	32.6	23.3	11.6 B	5.45E	3.48E	24
25	3.70E	3.45E	3.35E	5.70E	18.1	43.4	23.1	32.8	23.3	11.3 B	5.35E	3.45E	25
26	3.75E	3.45E	3.40E	6.00E	18.8	40.4	23.8	30.8	22.1	10.8 B	5.10E	3.35E	26
27	3.80E	3.40E	3.40E	6.30E	14.1	38.8	25.7	30.8	20.9	10.1 B	4.85E	3.32E	27
28	3.85E	3.35E	3.45E	6.80E	13.7	35.7	25.9	30.0	19.4	9.70E	4.85E	3.19E	28
29	3.85E		3.50E	7.20E	21.2	32.8	24.3E	28.0	20.0	9.30E	4.75E	3.19E	29
30	3.80E		3.50E	7.80E	44.0	34.1	23.8E	26.4	18.9	8.95E	4.76E	3.19E	30
31	3.80E		3.55E		81.9		22.6E	25.1		8.95E		3.19E	31
TOTAL	123.10	99.05	100.30	138.85	585.10	1 649.6	915.1	718.9	684.1	455.60	200.25	133.49	TOTAL
MEAN	3.97	3.54	3.24	4.57	18.9	48.3	29.5	23.2	23.1	14.7	6.68	3.93	MEAN
MAX	4.40	3.85	3.55	7.80	81.9	106	60.3	32.9	30.5	20.0	8.85	4.80	MAX
MIN	3.70	3.35	3.05	3.85	8.00	32.6	19.2	17.5	18.4	8.95	4.75	3.19	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 15.3
MAXIMUM DAILY, 106 ON JUN 1
MINIMUM DAILY, 3.05B ON MAR 5
MAXIMUM INSTANTANEOUS,
118 AT 12:20 PST ON JUN 1

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 59 45 30 N
LONG 129 07 40 W
DRAINAGE AREA, 1 700 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	10 600	JUL	78 100
FEB	8 550	AUG	62 200
MAR	8 670	SEP	60 000
APR	11 800	OCT	39 400
MAY	50 500	NOV	17 300
JUN	125 000	DEC	10 700

TOTAL DISCHARGE, 484 000 dam³

BLUEBERRY RIVER BELOW AITKEN CREEK - STATION NO. 07FC003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.163E	0.065E	0.052E	0.094E	10.6	1.32	5.60	2.56	0.174E	0.197E	0.204E	0.062E	1
2	0.167E	0.066E	0.056E	0.100E	10.0	1.08	5.84	1.89	0.173E	0.187E	0.198E	0.062E	2
3	0.163E	0.064E	0.053E	0.108E	9.87	0.964	13.0	1.46	0.173E	0.190E	0.193E	0.063E	3
4	0.153E	0.061E	0.055E	0.113E	9.02	0.873	12.0	1.07	0.174E	0.200E	0.187E	0.064E	4
5	0.140E	0.053E	0.056E	0.127E	8.25	0.962	13.7	0.871	0.176E	0.197E	0.178E	0.065E	5
6	0.137E	0.052E	0.053E	0.137E	7.80	0.989	11.2	0.718	0.183E	0.190E	0.170E	0.065E	6
7	0.146E	0.054E	0.055E	0.143E	9.25	1.16	10.9	0.578	0.185E	0.188E	0.160E	0.065E	7
8	0.147E	0.056E	0.054E	0.147E	32.2	1.20	21.9	0.534	0.188E	0.189E	0.142E	0.062E	8
9	0.135E	0.059E	0.059E	0.154E	54.3	1.03	14.9	0.410	0.193E	0.193E	0.130E	0.064E	9
10	0.100E	0.063E	0.058E	0.185E	45.0	0.908	9.54	0.388	0.212E	0.191E	0.134E	0.068E	10
11	0.088E	0.068E	0.064E	0.188E	32.0	2.07	8.57	0.319	0.232E	0.190E	0.141E	0.068E	11
12	0.093E	0.070E	0.062E	0.325E	26.1	7.81	6.72	0.285	0.247E	0.190E	0.130E	0.068E	12
13	0.102E	0.078E	0.060E	0.550E	19.3	7.15	5.47	0.265E	0.257E	0.194E	0.133E	0.063E	13
14	0.113E	0.080E	0.062E	1.13 B	16.6	5.83	3.83	0.240E	0.259E	0.197E	0.121E	0.060E	14
15	0.122E	0.070E	0.062E	2.05 B	15.9	4.40	2.55	0.232E	0.250E	0.204E	0.111E	0.057E	15
16	0.111E	0.080E	0.067E	4.20 B	15.5	3.05	2.19	0.230E	0.246E	0.213E	0.110E	0.058E	16
17	0.113E	0.085E	0.068E	6.45 B	14.6	2.69	2.12	0.230E	0.247E	0.223E	0.111E	0.058E	17
18	0.114E	0.087E	0.070E	12.3	13.6 B	2.49	3.05	0.223E	0.234E	0.235E	0.112E	0.058E	18
19	0.113E	0.081E	0.067E	20.4 B	8.84	27.4	3.11	0.217E	0.230E	0.235E	0.101E	0.056E	19
20	0.118E	0.087E	0.064E	19.6 B	8.30	61.3	2.80	0.220E	0.220E	0.218E	0.094E	0.057E	20
21	0.110E	0.072E	0.060E	18.3 B	7.61	61.4	2.89	0.250E	0.210E	0.213E	0.088E	0.054E	21
22	0.094E	0.067E	0.062E	26.5 B	6.86	30.7	4.08	0.282E	0.205E	0.224E	0.081E	0.053E	22
23	0.078E	0.068E	0.067E	47.8	6.05	20.9	4.05	0.347E	0.200E	0.230E	0.076E	0.052E	23
24	0.083E	0.074E	0.070E	36.1	5.25	15.5	3.63	0.210E	0.198E	0.230E	0.076E	0.052E	24
25	0.087E	0.084E	0.072E	28.1	4.85	12.8	2.70	0.295E	0.194E	0.227E	0.074E	0.053E	25
26	0.082E	0.082E	0.072E	20.6	4.11	22.1	2.67	0.250E	0.183E	0.231E	0.077E	0.053E	26
27	0.087E	0.086E	0.073E	16.5	3.56	17.0	3.65	0.222E	0.182E	0.224E	0.076E	0.053E	27
28	0.078E	0.084E	0.075E	13.6	3.15	11.6	5.66	0.209E	0.183E	0.210E	0.071E	0.052E	28
29	0.078E		0.080E	12.1	2.58	8.49	5.26	0.195E	0.188E	0.208E	0.067E	0.052E	29
30	0.075E		0.088E	11.2	2.04	6.68	4.37	0.184E	0.200E	0.227E	0.064E	0.051E	30
31	0.088E		0.088E		1.86		3.38	0.177E		0.216E		0.051E	31
TOTAL	3.345	1.782	2.006	311.804	413.97	358.250	305.71	15.865	6.243	6.483	3.885	1.904	TOTAL
MEAN	0.108	0.063	0.065	10.4	13.4	11.9	9.84	0.501	0.208	0.209	0.129	0.062	MEAN
MAX	0.167	0.088	0.088	47.8	54.3	61.3	21.9	2.56	0.259	0.235	0.204	0.065	MAX
MIN	0.052	0.050	0.052	0.094	1.86	0.873	2.12	0.177	0.173	0.187	0.094	0.051	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.84
MAXIMUM DAILY, 61.3 ON JUN 20
MINIMUM DAILY, 0.0318 ON DEC 24
MAXIMUM INSTANTANEOUS,
87.3 AT 12:00 PST ON JUN 20

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 40 36 N
LONG 121 13 15 W
DRAINAGE AREA, 1 750 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	389	JUL	17 800
FEB	153	AUG	1 340
MAR	173	SEP	529
APR	26 900	OCT	986
MAY	35 600	NOV	311
JUN	21 600	DEC	113

TOTAL DISCHARGE, 115 000 dam³

BONAPARTE RIVER ABOVE LOOH CREEK - STATION NO. 08LF004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.340	2.820	2.400	4.80E	17.3	8.71	6.70E	3.80E	2.02	1.52	1.38	0.9200	1
2	2.400	2.800	2.400	4.80E	16.1	6.41	6.68	3.62	2.12	1.52	1.37 E	0.9000	2
3	2.500	2.800	2.400	4.80E	14.7	6.32	6.80	3.78	2.15	1.51	1.36 E	0.8800	3
4	2.500	2.800	2.400	4.66	14.0	6.30	6.84	3.77	2.21	1.48	1.32	0.8500	4
5	2.800	2.800	2.43	4.72	13.2 E	6.19	6.87	3.80	2.22	1.48	1.30 E	0.8400	5
6	2.800	2.700	3.17	4.86	13.0 E	7.75	6.80E	3.58	2.10	1.51E	1.25 E	0.8200	6
7	2.700	2.700	3.28	4.95	13.5	7.64	6.60	3.38	2.10E	1.49	1.20 E	0.8200	7
8	2.800	2.700	3.27	4.84	13.4	7.65E	6.84	3.40E	2.10E	1.48	1.15 E	0.8000	8
9	2.800	2.700	3.46	5.06	13.7	7.85E	6.48	3.40E	2.21	1.48	1.10 E	0.8000	9
10	2.900	2.700	3.81	5.04	13.7	7.80	6.90E	3.40E	2.18	1.48	1.05 E	0.8000	10
11	2.940	2.800	3.96	5.05	12.8 E	7.38	6.32	3.30E	2.12	1.48E	1.00 E	0.8000	11
12	3.000	2.860	4.00	4.99	12.7 E	7.09	6.46	3.30E	2.08	1.48E	1.00 E	0.8000	12
13	3.000	2.800	4.34	4.82	13.0	6.90E	6.58	3.30E	1.98	1.47	1.05 E	0.8200	13
14	3.000	2.800	4.50E	5.40E	12.6	6.60	6.58	3.28	1.92	1.45	1.05 E	0.8200	14
15	2.900	2.800	4.58	5.70E	12.3	6.26	6.63	3.13	1.88	1.44	1.00 E	0.8200	15
16	2.900	2.700	4.63	5.82	12.2	6.20E	6.80E	2.94	1.81	1.43	1.00 E	0.8000	16
17	2.900	2.700	4.84	5.85	11.8 E	5.98	6.50E	2.77	1.78	1.45	1.00 E	0.7800	17
18	3.000	2.700	4.82E	5.87	11.8 E	5.77	6.22	2.85	1.78	1.43E	1.00 E	0.7600	18
19	3.000	2.700	4.81	5.17	11.8 E	5.77	6.98	2.86	1.76	1.44E	1.05 E	0.7400	19
20	3.000	2.700	4.80	5.92	12.2	6.31	6.06	2.84	1.73	1.44	1.06 E	0.7300	20
21	3.000	2.800	4.48	6.80E	12.3	6.80E	4.86	2.32	1.69	1.42	1.05 E	0.7200	21
22	3.000	2.800	4.63	7.10E	12.4	6.56	4.80	2.28E	1.68	1.48	1.00 E	0.7100	22
23	3.000	2.800	4.48	7.87	12.5	6.92	5.00E	2.24E	1.70E	1.50	1.00 E	0.7000	23
24	2.700	2.800	4.44	8.47	12.4	6.49	4.82	2.21	1.70E	1.49	0.980E	0.7000	24
25	2.700	2.800	4.48	9.58	12.3	6.48	4.78	2.13	1.61	1.48E	0.980E	0.7000	25
26	2.700	2.800	4.84	12.5	11.0 E	6.48	4.70E	2.00E	1.61	1.48E	0.940E	0.7200	26
27	2.700	2.800	4.63	13.2	10.0 E	6.40	4.33	1.80E	1.58	1.49	0.940E	0.7400	27
28	2.700	2.800	4.58	17.3	8.80E	6.60	4.33	1.80E	1.55	1.47	0.930E	0.7800	28
29	2.600		4.62	17.7	9.38	6.48	4.30	1.80	1.50E	1.48	0.930E	0.7800	29
30	2.800		4.64	17.0 E	9.28	6.55	3.94	1.84	1.50E	1.44	0.932	0.7900	30
31	2.800		4.66		8.85		3.91	1.80E		1.48		0.8000	31
TOTAL	86.64	75.82	133.12	231.83	388.11	209.22	189.86	88.32	58.31	45.87	32.242	24.430	TOTAL
MEAN	2.79	2.70	3.97	7.38	12.4	6.97	6.47	2.85	1.84	1.47	1.08	0.788	MEAN
MAX	3.00	2.82	4.66	17.7	17.3	6.71	6.80	3.90	2.22	1.53	1.38	0.920	MAX
MIN	2.30	2.60	2.40	4.66	8.85	5.77	3.91	1.84	1.50	1.42	0.930	0.700	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.16
MAXIMUM DAILY, 17.7 ON APR 29
MINIMUM DAILY, 0.7000 ON DEC 23

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - MANUAL
LOCATION - LAT 61 02 08 N
LONG 131 26 29 W
DRAINAGE AREA, 3 530 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	7 490	JUL	16 800
FEB	6 530	AUG	7 630
MAR	10 600	SEP	4 870
APR	19 100	OCT	3 950
MAY	33 300	NOV	2 780
JUN	18 100	DEC	3 110

TOTAL DISCHARGE, 131 000 dam³

BONAPARTE RIVER BELOW CACHE CREEK - STATION NO. 08LF003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.008	3.84	4.15	5.33	17.5	12.2	9.09	4.60E	1.78	1.78	2.10	1.14	1
2	3.108	3.80	3.88	5.28	17.1	11.3	8.89	4.65E	2.12	1.85	2.11	1.03 B	2
3	3.258	3.32	4.10	5.39	17.3	11.2	11.4	4.60E	2.74	1.91	2.18A	0.9608	3
4	3.408	3.83	3.69	5.68	16.3	11.0	10.4 A	4.30E	2.82	1.92	2.15E	0.8908	4
5	3.609	3.69	3.49	5.45	15.8	10.5	9.84A	4.18E	2.68	1.84	2.12E	0.9208	5
6	3.758	3.76	4.26	6.80	14.6	9.88	9.18	4.05E	2.76	1.83	2.11E	0.9208	6
7	3.658	3.16	4.17	6.61	14.2	9.67	8.32	3.88E	2.72	1.83	2.13E	1.04 B	7
8	3.838	3.42	4.14	6.86	13.8	8.34	7.81	3.88E	2.83A	2.00	2.14E	1.10 B	8
9	4.01	3.52	4.26	6.84	13.8	8.07	7.84	3.68E	2.84	1.94	2.19E	1.18 B	9
10	4.04	3.24	4.55	6.88	14.3	8.07	7.62	3.78E	2.93	1.91	2.33M	1.25 B	10
11	4.03	3.94	4.62	6.83	13.7	8.35	7.12	3.70E	3.07	1.89	2.22E	1.35 B	11
12	4.04	3.93	4.74	6.86	13.7	8.32	8.87	3.88E	3.05	1.87	2.14E	1.41	12
13	4.16	4.26	5.00	6.83	13.6	8.61	7.78	3.80E	2.91	1.86	2.10E	1.40	13
14	4.02	4.26	5.26	6.80	13.3	7.88	7.44	3.68E	2.71	2.00	2.08E	1.45	14
15	3.83	4.22	5.30	6.81	13.2	7.78	7.08	3.64E	2.80	2.03	2.08E	1.37	15
16	3.80	4.16	5.27	6.83	11.8	7.52	6.89	3.48E	2.80	2.04	2.04E	0.880	16
17	3.83	4.06	5.31	6.87	11.4	7.83	7.01	3.30E	2.77A	2.08	2.07A	0.9008	17
18	3.78	4.33	5.36	6.87	11.8	7.30	6.46	3.30E	2.77E	2.10	1.98	0.8808	18
19	3.74	4.18	5.28	6.10	11.9	7.37	6.12	3.10E	2.77E	2.14	1.84	0.8208	19
20	3.64	4.00	5.26	6.33	12.2	7.43	6.12	3.00E	2.77A	2.16	2.22	0.7808	20
21	3.71	3.88	5.09	6.34	13.6	6.30	6.04	2.98E	2.86	2.11	2.24	0.7608	21
22	3.82	4.06	5.10	7.01	14.8	6.38	6.30	3.05E	2.80	2.05	2.11	0.7588	22
23	3.41	4.03	5.15	7.42	14.9	6.40	6.85	2.78E	2.82	2.06	1.78	0.7588	23
24	3.42	4.34	5.15	8.17	15.1	6.77	6.78	2.85E	2.82	2.15	1.74	0.7208	24
25	3.33	4.37	5.23	9.36	14.9	6.86	6.75	2.88E	2.89	2.20	1.85	0.7308	25
26	3.41	4.33	5.25	11.8	16.3	6.87	6.01A	2.90E	2.63	2.32	1.88	0.7408	26
27	3.72	4.15	5.22	14.1	16.3	6.75	5.78E	2.60E	2.26	2.37	1.82	0.7488	27
28	3.63	4.10	5.28	16.3	15.8	10.0	5.48E	2.30E	2.27	2.43	1.84	0.7808	28
29	3.41		5.28	17.4	13.6	9.40	5.35E	2.15E	2.26	2.37	1.86	0.6308	29
30	3.42		5.29	17.8	10.3		5.25E	2.05E	2.12	2.35	1.79	0.6908	30
31	3.49		5.41				5.15E	1.99A		2.39		0.9308	31
TOTAL	112.88	108.48	149.84	227.96	433.5	271.78	223.63	103.36	79.13	63.83	61.48	30.332	TOTAL
MEAN	3.83	3.80	4.83	7.35	14.0	8.06	7.21	3.33	2.84	2.06	2.05	0.978	MEAN
MAX	4.16	4.37	5.41	17.8	17.5	12.2	11.4	4.80	3.07	2.43	2.33	1.45	MAX
MIN	3.00	3.69	3.49	5.33	11.4	7.30	5.15	1.99	1.78	1.78	1.79	0.720	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.10
MAXIMUM DAILY, 17.8 ON APR 30
MINIMUM DAILY, 0.7208 ON DEC 24
MAXIMUM INSTANTANEOUS,
16.8 AT 13:00 PST ON APR 29

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 48 39 N
LONG 131 19 39 W
DRAINAGE AREA, 5 030 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	9 730	JUL	19 300
FEB	9 300	AUG	8 630
MAR	13 800	SEP	8 840
APR	19 700	OCT	8 530
MAY	37 400	NOV	8 310
JUN	23 500	DEC	3 930

TOTAL DISCHARGE, 181 000 dam³

BONAPARTE RIVER NEAR BRIDGE LAKE - STATION NO. 08LF082

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.300	1.650	1.650	2.55	8.88	5.70	5.08	3.38	1.84	0.985	0.550	0.4208	1
2	1.400	1.650	1.650	2.55	9.05	5.55	5.33	3.23	1.82	0.880	0.540	0.4108	2
3	1.500	1.650	1.650	2.50	9.28	5.73	5.63	3.14	2.28	0.970	0.546	0.4008	3
4	1.600	1.650	1.650	2.50	9.33	5.85	6.72	3.08	1.98	0.535	0.540	0.3908	4
5	1.600	1.650	1.650	2.49	9.08	5.78	5.88	3.08	1.78	0.915	0.510	0.3808	5
6	1.700	1.650	1.600	2.61	8.74	5.48	5.60	2.90	1.63	0.915	0.478	0.3708	6
7	1.600	1.700	1.600	2.73	8.59	5.15	5.15	2.89	1.58	0.870	0.438	0.3708	7
8	1.650	1.700	1.650	2.58	8.62	5.15	4.88	2.88	1.57	0.870	0.448	0.3708	8
9	1.650	1.700	1.650	2.58	8.28	4.88	4.90	2.89	1.49	0.770	0.452	0.3708	9
10	1.650	1.750	1.700	2.70	8.44	4.73	4.73	2.83	1.49	0.770	0.452	0.3708	10
11	1.650	1.750	1.700	2.85	8.13	4.63	4.78	2.89	1.50	0.755	0.452	0.3808	11
12	1.650	1.800	1.750	2.74	8.00E	4.62	4.65	2.78	1.50	0.760	0.444	0.3808	12
13	1.650	1.800	1.800	2.73	7.77	4.75	4.58	2.71	1.50	0.710	0.444	0.3908	13
14	1.650	1.800	1.850	2.77	7.62	4.46	4.22	2.59	1.45	0.705	0.440	0.3908	14
15	1.650	1.800	1.900	2.77	7.63	4.46	4.24	2.56	1.41	0.725	0.434	0.4008	15
16	1.800	1.800	1.930	2.85E	7.80	4.46	4.22	2.39	1.40	0.720	0.434	0.4008	16
17	1.800	1.800	2.000	3.00E	7.82	4.32	4.20	2.38	1.38	0.740	0.434	0.3908	17
18	1.800	1.800	2.100	3.80E	7.59	4.36	4.14	2.27	1.32	0.710	0.444	0.3808	18
19	1.800	1.800	2.150	3.90E	8.18	4.28	4.04	2.21	1.27	0.760	0.484	0.3708	19
20	1.800	1.800	2.200	4.20E	8.49	4.78	3.88	2.12	1.25	0.720	0.458	0.3808	20
21	1.750	1.750	2.300	4.90	8.58	5.85	3.92	2.08	1.24	0.710	0.438	0.3808	21
22	1.750	1.750	2.350	5.21	8.13	5.55	3.74	2.00	1.23	0.690	0.4208	0.3408	22
23	1.700	1.750	2.40	5.46	8.04	5.28	3.73	1.94	1.20	0.615	0.418	0.3308	23
24	1.700	1.750	2.46	5.78	7.89	5.15	3.70	1.82	1.17	0.635	0.424	0.3308	24
25	1.650	1.750	2.44	7.35	7.67	5.10	3.55	1.75	1.18	0.630	0.432	0.3308	25
26	1.650	1.700	2.55	10.5	7.26	4.95	3.76	1.74	1.18	0.591	0.438	0.3408	26
27	1.700	1.700	2.58	9.70	6.84	4.78	3.80	1.67	1.14	0.588	0.442	0.3808	27
28	1.700	1.700	2.52	9.08	6.45	4.85	3.73	1.64	1.13	0.586	0.448	0.3808	28
29	1.700		2.55	8.80	6.20	4.84	3.69	1.64	1.13	0.585	0.4408	0.4008	29
30	1.700		2.56	8.83	5.85	4.85	3.55	1.57	1.08	0.573	0.4308	0.4208	30
31	1.700		2.52		5.78		3.53	1.54		0.578		0.4408	31
TOTAL	53.40	48.85	63.07	132.01	244.73	149.85	137.73	74.37	42.84	23.079	13.731	11.710	TOTAL
MEAN	1.72	1.73	2.03	4.40	7.89	4.99	4.44	2.40	1.43	0.744	0.458	0.378	MEAN
MAX	1.85	1.80	2.55	10.5	9.33	5.85	6.72	3.35	2.28	0.985	0.550	0.440	MAX
MIN	1.30	1.65	1.60	2.49	5.78	4.28	3.53	1.54	1.08	0.573	0.418	0.330	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.73
MAXIMUM DAILY, 10.5 ON APR 26
MINIMUM DAILY, 0.330B ON DEC 23

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 20 08 N
LONG 120 47 55 W
DRAINAGE AREA, 888 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	4 810	JUL	11 900
FEB	4 190	AUG	6 430
MAR	5 450	SEP	3 700
APR	11 400	OCT	1 990
MAY	21 100	NOV	1 190
JUN	12 900	DEC	1 010

TOTAL DISCHARGE, 85 900 dam³

BONE CREEK NEAR BLUE RIVER - STATION NO. 08LB077

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.02B	1.95B	1.89B	1.98B	6.48E	30.9A	20.3	---	---	---	---	---	1
2	2.01B	1.92B	1.90B	2.03B	7.33A	24.8A	17.7	---	---	---	---	---	2
3	2.00B	1.90B	1.90B	2.09B	7.45A	24.8A	19.6	---	---	---	---	---	3
4	1.99B	1.89B	1.91B	2.15B	7.58A	23.8A	20.2	---	---	---	---	---	4
5	1.98B	1.88B	1.90B	2.22B	7.80A	22.5E	19.2	---	---	---	---	---	5
6	1.97B	1.88B	1.90B	2.31B	8.07A	22.4E	20.7	---	---	---	---	---	6
7	1.96B	1.88B	1.90B	2.40B	7.74A	22.4E	21.3	---	---	---	---	---	7
8	1.95B	1.87B	1.87B	2 55B	7.51A	22.3A	18.8	---	---	---	---	---	8
9	1.95B	1.87B	1.84B	2.75B	7.43A	22.5	19.7	---	---	---	---	---	9
10	1.96B	1.88B	1.82B	2.95B	8.98A	26.7	18.0	---	---	---	---	---	10
11	1.97B	1.89B	1 80B	3 10B	8.90A	18.0	22.9	---	---	---	---	---	11
12	1.97B	1.88B	1.78B	3 30B	8.88A	16.4	73.5E	---	---	---	---	---	12
13	1.96B	1.86B	1.78B	3.55B	7.48A	14.5	---	---	---	---	---	---	13
14	1.96B	1.85B	1.76B	3.80B	7.81E	15.8	---	---	---	---	---	---	14
15	1.96B	1.83B	1.76B	4.40B	8.14E	17.0	---	---	---	---	---	---	15
16	1.96B	1.82B	1.76B	4.85B	8.46A	18.9	---	---	---	---	---	---	16
17	1.99B	1.81B	1.76B	5.55B	8.82A	25.3	---	---	---	---	---	---	17
18	1.99B	1.82B	1.77B	6.80E	8.41A	24.9	---	---	---	---	---	---	18
19	2.00B	1.85B	1.77B	6.95E	8.22A	17.7	---	---	---	---	---	---	19
20	2.00B	1.84B	1.78B	7.80E	8.82A	15.6	---	---	---	---	---	---	20
21	2.00B	1.83B	1.78B	8.50E	9.23A	13.9	---	---	---	---	---	---	21
22	2.00B	1.82B	1.78B	8.20E	9.47A	14.2	---	---	---	---	---	---	22
23	2.00B	1.81B	1.77B	7.95E	10.7 A	16.2	---	---	---	---	---	---	23
24	1.99B	1.83B	1.78B	8.00E	12.0 A	18.7	---	---	---	---	---	---	24
25	1.98B	1.84B	1.80B	10.1 E	13.9 A	17.1	---	---	---	---	---	---	25
26	1.97B	1.83B	1.81B	9.20E	14.6 A	14.7	---	---	---	---	---	---	26
27	1.98B	1.82B	1.82B	8.40E	13.2 A	14.7	---	---	---	---	---	---	27
28	1.99B	1.84B	1.83B	9.00E	15.6 A	17.2	---	---	---	---	---	---	28
29	1.99B		1.85B	8.80E	24.2 A	19.8	---	---	---	---	---	---	29
30	1.99B		1.90B	8.80E	34.0 A	23.3	---	---	---	---	---	---	30
31	1.98B		1.94B		38.7 A		---	---	---	---	---	---	31
TOTAL	61.80	51.99	56.66	180.89	348.58	593.9	---	---	---	---	---	---	TOTAL
MEAN	1.99	1.86	1.83	5.36	11.2	19.8	---	---	---	---	---	---	MEAN
MAX	2.02	1.95	1.94	10.1	38.7	30.9	---	---	---	---	---	---	MAX
MIN	1.95	1.81	1.76	1.98	6.48	13.8	---	---	---	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 73.5E ON JUL 12

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 15 15 N
LONG 119 10 43 W
DRAINAGE AREA, 287 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	5 310	JUL	---
FEB	4 480	AUG	---
MAR	4 900	SEP	---
APR	13 900	OCT	---
MAY	30 100	NOV	---
JUN	51 300	DEC	---

BOUGIE CREEK AT KILOMETRE 388 ALASKA HIGHWAY - STATION NO. 10CD004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	08	08	08	0 B	8.95	1.51	1.77	7.80	0.824	0.430	0.3858	0.0248	1
2	08	08	08	0 B	8.67	1.34	2.58	5.85	0.737	0.586	0.3588	0.0238	2
3	08	08	08	0 B	7.36	1.21	2.58	4.52	0.628	0.705	0.3278	0.0228	3
4	08	08	08	0 B	6.61	1.14	2.45	3.43	0.586	0.737	0.3068	0.0198	4
5	08	08	08	0 B	6.21	1.58	2.60	3.70	0.717	0.789	0.2968	0.0138	5
6	08	08	08	0 B	5.30	1.95	3.01	3.11	0.858	0.789	0.2728	0.0078	6
7	08	08	08	0 B	5.46	1.78	4.81	1.67	1.90	0.789	0.2418	0.0038	7
8	08	08	08	0 B	21.8	1.72	4.84	1.33	2.69	0.737	0.2398	0.0018	8
9	08	08	08	0 B	23.0	8.01	3.82	1.14	2.67	0.705	0.2328	0 B	9
10	08	08	08	0 B	22.7	8.19	2.95	0.937	2.32	0.7008	0.2178	0 B	10
11	08	08	08	0 B	18.8	14.2	2.32	0.745	1.83	0.7208	0.2148	0 B	11
12	08	08	08	0 B	14.5	20.0	1.80	0.728	1.58	0.7088	0.2118	0 B	12
13	08	08	08	0 B	10.6	12.8	1.45	0.822	1.33	0.6758	0.1858	0 B	13
14	08	08	08	0 B	8.54	8.71	1.25	0.515	1.18	0.6358	0.1628	0 B	14
15	08	08	08	0 B	7.67	6.60	1.10	0.440	1.04	0.5908	0.1408	0 B	15
16	08	08	08	0 B	7.15	4.78	0.970	0.373	0.950	0.5258	0.1388	0 B	16
17	08	08	08	0.0018 B	6.48	3.82	0.922	0.957	0.904	0.5268	0.1268	0 B	17
18	08	08	08	0.0028	5.60	5.19	0.880	4.70	0.854	0.5388	0.1308	0 B	18
19	08	08	08	0.0038	4.58	28.2	0.948	4.45	0.821	0.5308	0.1208	0 B	19
20	08	08	08	0.0078	4.04	32.0	0.899	6.88	0.787	0.5188	0.1008	0 B	20
21	08	08	08	0.0148	3.80	21.3	1.20	5.28	0.898	0.5158	0.0708	0 B	21
22	08	08	08	0.0248	3.30	14.5	2.24	3.88	0.827	0.5158	0.0488	0 B	22
23	08	08	08	0.0358	2.88	10.3	4.89	3.00	0.881	0.4888	0.0448	0 B	23
24	08	08	08	0.0888	2.82	8.11	3.37	2.38	0.834	0.4888	0.0418	0 B	24
25	08	08	08	0.2508	2.83	6.27	2.56	1.73	0.480	0.4788	0.0418	0 B	25
26	08	08	08	0.7508	2.43	4.80	3.56	1.34	0.457	0.4738	0.0408	0 B	26
27	08	08	08	2.00 B	2.08	3.87	12.5	1.14	0.414	0.4718	0.0398	0 B	27
28	08	08	08	2.80 B	1.91	3.04	13.8	1.01	0.375	0.4808	0.0388	0 B	28
29	08		08	12.1	1.81	2.38	14.7	0.910	0.3728	0.4308	0.0318	0 B	29
30	08		08	8.56	1.78	1.96	10.6	0.900	0.3808	0.4058	0.0258	0 B	30
31	08		08		1.64		8.10	0.834		0.3728		0 B	31
TOTAL	0	0	0	34.684	232.17	237.27	122.149	74.081	30.176	18.027	4.787	0.112	TOTAL
MEAN	0	0	0	1.18	7.49	7.91	3.94	2.39	1.01	0.582	0.180	0.004	MEAN
MAX	0	0	0	12.1	23.0	32.0	14.7	7.80	2.58	0 788	0.385	0.024	MAX
MIN	0	0	0	0	1.64	1.14	0.880	0.373	0.372	0.372	0.025	0	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.05
MAXIMUM DAILY, 32.0 ON JUN 20
MINIMUM DAILY, 08 ON JAN 1
MAXIMUM INSTANTANEOUS,
36.8 AT 03:04 PST ON JUN 20

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 01 49 N
LONG 122 43 07 W
DRAINAGE AREA, 332 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	0	JUL	10 800
FEB	0	AUG	6 400
MAR	0	SEP	2 610
APR	2 990	OCT	1 560
MAY	20 100	NOV	414
JUN	20 500	DEC	9 68

TOTAL DISCHARGE, 65 200 dam³

BOUNDARY CREEK NEAR PORTHILL - STATION NO. 08NN032

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.708	2.15E	3.26	3.96	14.4	38.2	8.54	4.38E	1.78	1.10	4.08	2.49E	1
2	1.708	2.10E	3.37	3.98	16.0	47.3	12.1	4.11E	1.84	1.10	3.82	2.21E	2
3	1.738	2.07E	3.65	3.88	18.7	38.9	11.3	3.82E	1.87	1.08	19.9	2.21E	3
4	1.768	2.04E	4.25	3.74	18.5	32.6	9.06	3.54E	1.78	1.05	24.5	2.27E	4
5	1.768	2.01E	4.05	3.74	16.2	28 4	8.21	3.29E	1.80	1.02	9.85	2.27E	5
6	1.78	1.98E	3.85	3.85	19 7	26 6	7.82	3 11E	1.73	0.991	9.83	2.27E	6
7	1.78	1.98E	3.79	4.19	22.0	27.0	7 02	2.83E	1.84	0.991	9.19	2.38E	7
8	2.83	1.95E	3.74	4 19	22.0	27.2	6.85	2.69E	1.96	0.883	8.71	2.44E	8
9	2.89	1.95E	5.04	4.11	17.8	26 6	6 46	2 52E	1 83	0.983	9.82	2.55E	9
10	2.78	1.95E	9 88	4.05	16.2	26 1	6.72	2.58	1 84	0.883	9 48	2.72E	10
11	2.83	1.95E	11.4	3.85	16 4	23.0	6.32	3 48	2 10	0.834	7.78	2.68E	11
12	2.83	2.10E	8.75	3.88	17.0	18.9	6 89	4.22	1.87	0.834	7.80	2.61E	12
13	2.83	2.12E	7 70	3.82	17.8	17.0	11.9	3.08	1.70	0 834	8.77	2.55E	13
14	2.44	2.12E	7.31	3.88	18.8	16 2	15.7	2.89	1.81	0.834	8.09	2.44E	14
15	2.36	2.15E	8.68	3.85	21.6	18.1	12.7	2.48	1.80	0 834	8 85	2.38E	15
16	2.28	2.38E	6.23	4.19	23.8	15 4	10.0	2.29	1.64	0.834	8.85	2.27E	16
17	2.36	2.49	5.80	4.73	27.5	13.8	8.84	2 15	1.64	0 834	8.85	2.12E	17
18	2.27	2.88	5 49	6.14	28.6	13.8	7.82	2.04	1.39	1.08	8.23	1.98E	18
19	2.15	2.83	5.10	8 13	25.2	11.9	6 85	1.88	1.42	1.02	8.88	1.70E	19
20	2.12	2 78	4.87	10.4	28.1	10 4	7.02	1.87	1.38	1.18	8.41	1.42E	20
21	2.10	2.72	4.87	12.8	38.2	9.43	8.21	1.81	1.38	1.13	4.88	1.27E	21
22	2.04	2.88	4.63	14.8	38.8	8.08	6.80E	1.78	1.30	2.78	4.67	1.13E	22
23	1.98	2.72	4.38	18.2	44.2	14 8	5.95E	1.73	1.27	3.84	4.50	1.10E	23
24	1.98	2 84	4.30	34.3	47 8	14 8	6.23E	3.37	1 28	2.04	4.38	1.05E	24
25	1.98E	3.37	4.19	28.8	51.8	11.8	6.80E	2.92	1.19	1 70	4.30	1.05E	25
26	2.04E	3.43	4.05	19.3	52.1	10.1	7.83E	2.80	1.18	1.58	4.02	1.05E	26
27	2.18E	3.31	4.05	16.0	48.8	10.4	8.61E	2.89	1.18	1.80	3.91	1.05E	27
28	2.24E	3.31	3.91	14.3	50.4	10.3	8.95E	2.32	1.13	1.44	3.37	1.08E	28
29	2.24E		3.98	13 9	53.0	9 43	8.38E	2.12	1.13	1.39	3.06	1.13E	29
30	2.21E		4.11	14.3	53.1	10.4	8.10E	1.86	1.13	1.39	2.83E	1.22E	30
31	2.19E		4.11		41.6		6.87E	1.81		3.20		1.38E	31
TOTAL	68.10	66 48	180.68	278.21	923.8	589.52	245.27	84.37	45.21	41.719	202.47	56.43	TOTAL
MEAN	2.20	2.45	5.18	9.27	29.8	19 7	7.91	2.72	1.51	1.35	6.75	1.85	MEAN
MAX	2.89	3.43	11.4	34 3	53.0	47.3	15.7	4.39	2.10	3.84	24.5	2.72	MAX
MIN	1.70	1.95	3.26	3.82	14.4	9.06	4.87	1.73	1.13	0.834	2.83	1.05	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.56
MAXIMUM DAILY, 53.0 ON MAY 29
MINIMUM DAILY, 0.834 ON OCT 11
MAXIMUM INSTANTANEOUS,
60.5 AT 21:30 PST ON MAY 28

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 59 50 N
LONG 116 34 05 W
DRAINAGE AREA, 251 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	5 680	JUL	21 200
FEB	5 930	AUG	7 280
MAR	13 900	SEP	3 910
APR	24 000	OCT	3 800
MAY	73 600	NOV	17 500
JUN	50 900	DEC	5 050

TOTAL DISCHARGE, 239 000 dam³

BOWRON LAKE NEAR WELLS - STATION NO. 08KD005

DAILY WATER LEVEL IN METRES FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.424	0.372	0.376	0.357	0.676	1.058	1.005	0.848	0.618	0.489	0.592	0.448	1
2	0.421	0.368	0.380	0.356	0.688	1.070	0.989	0.821	0.647	0.486	0.821	0.436	2
3	0.424	0.369	0.376	0.363	0.701	1.062	0.978	0.895	0.489	0.484	0.838	0.427	3
4	0.423	0.368	0.388	0.358	0.714	1.067	0.971	0.889	0.486	0.484	0.848	0.420	4
5	0.426	0.360	0.388	0.356	0.721	1.055	0.981	0.840	0.500	0.489	0.858	0.418	5
6	0.424	0.365	0.388	0.363	0.727	1.039	0.944	0.808	0.517	0.489	0.863	0.412	6
7	0.421	0.364	0.371	0.378	0.749	1.035	0.929	0.779	0.516	0.502	0.884	0.409	7
8	0.417	0.360	0.374	0.368	0.764	1.029	0.910	0.765	0.518	0.499	0.887	0.401	8
9	0.418	0.338	0.378	0.398	0.771	1.021	0.893	0.735	0.519	0.497	0.855	0.398	9
10	0.423	0.332	0.374	0.401	0.771	1.018	0.872	0.713	0.523	0.492	0.848	0.389	10
11	0.428	0.334	0.377	0.384	0.768	1.025	0.857	0.688	0.529	0.486	0.838	0.388	11
12	0.426	0.338	0.378	0.385	0.789	1.026	0.880	0.661	0.532	0.481	0.827	0.390	12
13	0.431	0.335	0.384	0.385	0.781	1.022	0.947	0.648	0.527	0.477	0.813	0.388	13
14	0.426	0.336	0.385	0.395	0.744	1.013	1.038	0.623	0.538	0.468	0.818	0.375	14
15	0.417	0.334	0.387	0.394	0.740	1.008	1.134	0.606	0.544	0.456	0.798	0.370	15
16	0.412	0.333	0.387	0.398	0.738	1.001	1.210	0.593	0.553	0.450	0.805	0.388	16
17	0.408	0.333	0.384	0.400	0.740	1.008	1.248	0.590	0.558	0.448	0.807	0.382	17
18	0.407	0.337	0.388	0.412	0.757	1.035	1.258	0.577	0.562	0.445	0.788	0.338	18
19	0.407	0.338	0.379	0.424	0.770	1.070	1.234	0.568	0.567	0.433	0.778	0.318	19
20	0.402	0.339	0.380	0.448	0.780	1.113	1.200	0.547	0.564	0.423	0.783	0.312	20
21	0.401	0.339	0.382	0.468	0.804	1.174	1.172	0.530	0.562	0.415	0.552	0.304	21
22	0.398	0.348	0.374	0.505	0.835	1.212	1.143	0.523	0.559	0.418	0.541	0.299	22
23	0.388	0.363	0.370	0.537	0.856	1.218	1.110	0.507	0.563	0.415	0.532	0.293	23
24	0.387	0.364	0.388	0.558	0.878	1.208	1.073	0.493	0.561	0.413	0.521	0.278	24
25	0.389	0.368	0.383	0.584	0.898	1.182	1.042	0.478	0.558	0.420	0.517	0.270	25
26	0.382	0.383	0.362	0.610	0.915	1.152	1.043	0.471	0.548	0.438	0.510	0.274	26
27	0.381	0.372	0.381	0.628	0.931	1.119	1.038	0.484	0.536	0.480	0.488	0.288	27
28	0.377	0.380	0.359	0.640	0.943	1.074	1.030	0.481	0.528	0.503	0.488	0.284	28
29	0.373		0.358	0.652	0.970	1.038	1.018	0.435	0.518	0.518	0.478	0.269	29
30	0.374		0.358	0.685	1.005	1.022	0.989	0.428	0.508	0.536	0.458	0.261	30
31	0.372		0.358		1.039		0.971	0.421		0.583		0.256	31
MEAN	0.407	0.347	0.373	0.483	0.803	1.073	1.035	0.631	0.527	0.473	0.588	0.347	MEAN
MAX	0.431	0.380	0.387	0.685	1.039	1.219	1.258	0.848	0.567	0.583	0.887	0.448	MAX
MIN	0.372	0.332	0.358	0.353	0.676	1.001	0.857	0.421	0.418	0.413	0.458	0.249	MIN

WATER LEVELS IN METRES

MEAN, 0.569
MAXIMUM DAILY, 1.258 ON JUL 18
MINIMUM DAILY, 0.249 ON DEC 29
MAXIMUM INSTANTANEOUS,
1.259 AT 20:00 PST ON JUL 18

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 15 30 N
LONG 121 24 50 W

NATURAL FLOW

BOWRON RIVER BELOW BOX CANYON - STATION NO. 08KD007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	16.48	16.58	17.78	14.88	76.5E	151	119	76.8	24.7	29.0	102	30.88	1
2	16.38	16.58	17.28	14.88	76.5E	135	106	72.2	25.0	28.7	88.4	30.98	2
3	16.28	16.48	17.08	14.98	80.0E	121	101	68.5	28.4	28.3	79.3	31.08	3
4	16.18	16.28	16.88	15.08	82.0E	113	109	64.8	33.1	31.2	73.8	30.08	4
5	16.08	15.98	16.88	15.28	84.0E	108	103	58.8	33.5	34.8	70.2	29.78	5
6	17.98	15.88	16.78	15.88	88.0E	115	94.1	55.2	33.8	33.8	64.3	29.08	6
7	17.88	15.58	16.78	15.98	93.0E	135	98.3	52.1	35.6	34.4	60.2	27.68	7
8	17.88	15.88	16.88	16.58	100 E	123	94.0	49.2	34.9	33.3	57.3	26.28	8
9	17.58	15.78	16.58	17.28	102 E	125	87.6	46.4	33.4	32.2	53.2	25.88	9
10	17.48	15.98	16.48	18.08	94.6A	143	82.9	44.8	32.5	31.1	50.3	25.28	10
11	17.38	16.28	16.38	19.18	88.3	152	83.2	42.8	31.5	29.7	48.1	25.18	11
12	17.38	16.48	16.28	20.38	82.6	138	146	39.9	31.1	29.0	46.8	24.98	12
13	17.18	16.68	16.18	22.38	80.7	135	175	37.8	30.7	28.3	45.0	24.38	13
14	17.08	16.78	16.08	24.08	81.6	124	178	37.2	32.3	28.2	42.8	23.78	14
15	17.08	16.78	15.98	26.8E	88.4	116	176	36.5	34.6	29.0	41.5	23.28	15
16	16.98	16.78	15.88	28.8E	88.0	115	186	35.1	36.7	28.5	44.8	22.68	16
17	16.88	16.78	15.78	29.8E	91.8	129	180	35.9	42.6	27.8	51.3	21.88	17
18	16.68	16.68	15.68	31.0E	103	162	137	38.4	42.7	27.7	48.8	21.28	18
19	16.68	16.78	15.58	32.8E	102	182	123	36.0	40.1	27.5	45.8	20.98	19
20	16.78	16.88	15.38	35.2E	102	213	112	33.8	37.8	27.5	42.6	20.38	20
21	16.78	17.18	15.28	40.0E	123	222	112	32.1	38.4	27.5	38.4	19.78	21
22	16.78	17.58	15.18	54.0E	131	186	108	30.8	38.1	28.0	36.78	19.68	22
23	16.78	18.08	15.18	68.0E	126	158	99.7	28.0	38.3	28.8	35.78	19.58	23
24	16.78	18.38	15.08	76.2E	128	145	92.0	26.4	35.3	29.1	34.98	19.28	24
25	16.78	18.48	14.98	77.5E	133	138	88.6	27.4	34.6	28.5	34.28	19.18	25
26	16.88	18.48	14.88	78.5E	140	122	103	27.3	33.8	30.3	33.08	19.08	26
27	16.88	18.38	14.88	80.0E	130	111	108	27.4	33.6	33.8	32.28	19.08	27
28	16.88	18.28	14.88	77.0E	125	101	101	28.4	32.5	34.5	31.38	18.88	28
29	16.88		14.78	76.2E	144	92.5	98.5	28.2	31.3	49.5	31.18	18.58	29
30	16.88		14.78	76.2E	163	101	92.5	28.8	29.8	45.7	30.88	18.58	30
31	16.88		14.78		165		84.8	26.2		78.2		18.38	31
TOTAL	531.8	470.2	490.6	1 134.8	3 292.4	4 081.5	3 531.3	1 288.2	1 014.7	1 081.8	1 492.7	723.0	TOTAL
MEAN	17.2	16.8	15.8	37.8	106	136	114	40.9	33.8	34.3	49.8	23.3	MEAN
MAX	18.4	18.4	17.7	80.0	165	222	178	78.8	42.8	78.2	102	31.0	MAX
MIN	16.6	15.6	14.7	14.8	76.5	92.5	82.9	26.2	24.7	27.5	30.9	18.3	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 82.3
MAXIMUM DAILY, 222 ON JUN 21
MINIMUM DAILY, 14.78 ON MAR 29
MAXIMUM INSTANTANEOUS,
240 AT 20:58 PST ON JUN 30

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 00 06 N
LONG 122 07 42 W
DRAINAGE AREA, 3 420 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	46 000	JUL	305 000
FEB	40 800	AUG	110 000
MAR	42 400	SEP	87 700
APR	98 000	OCT	91 700
MAY	284 000	NOV	123 000
JUN	353 000	DEC	62 500

TOTAL DISCHARGE, 1 850 000 dam³

BOWRON RIVER NEAR WELLS - STATION NO. 08KE001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.51	3.90	3.97	3.73	7.92	18.2	18.2	17.7	4.54	5.60	7.56	4.97	1
2	4.47	3.85	3.89	3.71	8.13	18.7	18.6	16.8	4.66	5.78	8.21	4.80	2
3	4.61	3.78	3.84	3.69	8.33	19.1	18.2	15.9	5.31	5.72	8.55	4.67	3
4	4.50	3.71	3.83	3.72	8.56	18.8	18.0	15.1	5.59	5.73	8.81	4.57	4
5	4.53	3.69	3.83	3.72	8.89	18.0	14.7	14.2	5.63	5.80	9.06	4.53	5
6	4.51	3.80	3.85	3.78	8.81	17.4	14.1	13.3	6.13	5.80	9.23	4.48	6
7	4.48	3.58	3.89	3.82	9.20	17.3	13.7	12.4	6.11	5.85	9.31	4.41	7
8	4.43	3.55	3.93	4.06	9.52	17.0	13.1	11.7	6.14	5.81	9.35	4.29	8
9	4.45	3.52	3.93	4.21	9.68	16.6	12.6	11.1	6.18	5.77	9.03	4.25	9
10	4.50	3.48	3.92	4.33	9.87	16.6	12.1	10.6	6.24	5.89	8.81	4.14	10
11	4.57	3.50	3.95	4.15	9.86	16.9	11.7	9.89	6.26	5.58	8.57	4.14	11
12	4.55	3.54	3.97	4.16	9.46	16.8	12.3	9.16	6.30	5.50	8.37	4.18	12
13	4.59	3.51	4.04	4.17	9.25	16.8	14.3	8.77	6.31	5.44	8.04	4.13	13
14	4.53	3.52	4.05	4.16	9.12	16.5	17.4	8.27	6.44	5.20	8.18	3.87	14
15	4.43	3.51	4.08	4.15	9.04	16.2	21.4	7.87	6.61	5.10	7.84	3.90	15
16	4.38	3.50	4.07	4.17	9.01	18.0	24.4	7.58	6.78	5.00	7.84	3.88	16
17	4.28	3.50	4.04	4.22	9.04	19.3	25.8	7.52	6.88	4.97	7.88	3.87	17
18	4.31	3.53	4.05	4.26	9.38	17.3	25.8	7.25	6.96	4.93	7.48	3.84	18
19	4.31	3.54	3.99	4.50	9.85	16.6	28.3	7.03	7.06	4.75	7.26	3.36	19
20	4.25	3.55	4.00	4.77	9.86	20.5	27.0	6.87	6.99	4.61	6.96	3.30	20
21	4.23	3.55	4.02	5.04	10.4	22.2	26.0	6.38	6.98	4.50	6.78	3.22	21
22	4.19	3.63	3.92	5.52	11.1	25.1	24.8	6.23	6.90	4.51	6.58	3.16	22
23	4.08	3.69	3.87	5.82	11.7	25.4	23.6	5.94	6.86	4.49	6.38	3.13	23
24	4.19	3.69	3.85	6.22	12.3	24.9	22.2	5.70	6.85	4.47	6.21	3.00	24
25	4.10	3.72	3.79	6.85	12.7	23.6	21.1	5.43	6.83	4.58	6.12	2.83	25
26	4.01	3.80	3.78	6.82	13.3	22.2	21.1	5.35	6.83	4.85	6.01	2.96	26
27	4.00	3.80	3.77	7.17	13.7	20.7	20.9	5.22	6.48	5.49	5.80	2.91	27
28	3.96	4.00	3.75	7.33	14.1	19.0	20.7	5.01	6.32	5.87	5.58	2.79	28
29	3.81		3.72	7.52	15.0	17.4	20.2	4.78	6.11	6.15	5.47	2.74	29
30	3.82		3.72	7.73	15.2	16.8	19.6	4.70	5.97	6.46	5.30	2.76	30
31	3.90		3.72		17.4		18.6	4.58		6.98		2.80	31
TOTAL	133.56	101.76	121.25	147.52	329.54	587.9	589.6	278.04	189.88	167.35	226.10	115.54	TOTAL
MEAN	4.31	3.64	3.91	4.92	10.6	19.9	19.0	8.97	6.33	5.40	7.54	3.73	MEAN
MAX	4.59	4.00	4.08	7.73	17.4	25.4	28.3	17.7	7.06	6.98	9.35	4.97	MAX
MIN	3.80	3.48	3.72	3.69	7.92	16.0	11.7	4.58	4.54	4.47	5.30	2.74	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.13
MAXIMUM DAILY, 28.3 ON JUL 19
MINIMUM DAILY, 2.74 ON DEC 29
MAXIMUM INSTANTANEOUS,
38.9E AT 20:00 PST ON JUL 16

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 15 40 N
LONG 121 24 50 W
DRAINAGE AREA, 458 km²

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	11 500	JUL	50 900
FEB	8 790	AUG	24 000
MAR	10 500	SEP	16 400
APR	12 700	OCT	14 500
MAY	28 500	NOV	19 500
JUN	49 100	DEC	9 980

TOTAL DISCHARGE, 256 000 dam³

BOWSER RIVER BELOW BETTY CREEK - STATION NO. 08DA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	43.6	32.3	---	---	---	---	---	1
2	---	---	---	---	---	---	30.0	---	---	---	---	---	2
3	---	---	---	---	---	---	29.8	---	---	---	---	---	3
4	---	---	---	---	---	---	26.3	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	5.11	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	28.3	---	---	---	---	---	13
14	---	---	---	---	---	---	42.4	---	---	---	---	---	14
15	---	---	---	---	---	---	44.1	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	40.3	---	---	---	---	---	19
20	---	---	---	---	---	39.3	43.1	---	---	---	---	---	20
21	---	---	---	---	---	39.7	39.1	---	---	---	---	---	21
22	---	---	---	---	---	33.8	33.0	---	---	---	---	---	22
23	---	---	---	---	---	42.3	28.7	25.9	---	---	---	---	23
24	---	---	---	---	---	50.7	---	---	---	---	---	---	24
25	---	---	---	---	---	48.6	---	---	---	---	---	---	25
26	---	---	---	---	---	34.2	---	---	---	---	---	---	26
27	---	---	---	2.819	---	30.3	---	---	---	---	---	---	27
28	---	---	---	---	---	33.1	---	---	---	---	---	---	28
29	---		---	---	---	34.0	---	---	---	---	---	---	29
30	---		---	---	---	34.0	---	---	---	---	---	---	30
31	---		---		---		---	---		---		---	31
TOTAL	---	---	---	---	---	---	---	---	---	---	---	---	TOTAL
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - MANUAL
LOCATION - LAT 53 15 04 N
LONG 130 03 32 W

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	---
FEB	---	AUG	---
MAR	---	SEP	---
APR	---	OCT	---
MAY	---	NOV	---
JUN	---	DEC	---

BRADLEY CREEK NEAR FOREST GROVE - STATION NO. 08LA022

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	1.05E	3.08	0.350	0.750	0.400E	0.054	0.054	0.445	0.2738	1
2	---	---	---	1.10E	2.94	0.300	0.640	0.450E	0.054	0.054	0.505	---	2
3	---	---	---	1.20E	2.87	0.250	0.485	0.300E	0.054	0.054	0.533	---	3
4	---	---	---	1.30E	2.82	0.225	0.795	0.280E	0.054	0.054	0.470	---	4
5	---	---	---	1.40E	2.80	0.188	0.680	0.250E	0.054	0.053	0.393	---	5
6	---	---	---	1.40E	2.32	0.175	0.575	0.225	0.055	0.051	0.335	---	6
7	---	---	---	1.30E	2.15	0.175	0.575	0.200E	0.065	0.050	0.303	---	7
8	---	---	---	1.30E	1.80	0.175	0.575	0.180E	0.069	0.051	0.285	---	8
9	---	---	---	1.40E	1.85	0.175	0.540	0.160E	0.079	0.051	0.290	---	9
10	---	---	---	1.50E	1.70	0.175	0.435	0.160E	0.079	0.049	0.270	---	10
11	---	---	---	1.50E	1.80	0.163	0.435	0.150E	0.079	0.051E	0.290	---	11
12	---	---	---	1.40E	1.38	0.200	0.575	0.200E	0.084	0.052E	0.243	---	12
13	---	---	---	1.33	1.30	0.225	0.645	0.220E	0.079	0.053	0.235	---	13
14	---	---	---	1.20	1.07	0.228	0.885	0.220E	0.065	0.064	0.243	---	14
15	---	---	---	1.20	0.975	0.250	0.953	0.200E	0.069	0.073	0.348	---	15
16	---	---	---	1.15	0.875	0.275	0.908	0.180E	0.069	0.074	0.528	---	16
17	---	---	---	1.25	0.863	0.275	0.773	0.160E	0.065	0.068	0.858	---	17
18	---	---	---	1.50	0.885	0.328	0.680	0.140E	0.065E	0.122	0.715	---	18
19	---	---	---	3.15	0.830	0.400	0.680E	0.140E	0.080E	0.116	0.705	---	19
20	---	---	---	3.20E	0.830	0.470	0.640E	0.150E	0.055E	0.132E	0.663	---	20
21	---	---	---	3.28	0.875	0.575	0.628	0.122	0.055	0.148	0.530	---	21
22	---	---	---	3.95	0.930	0.715	0.670E	0.120E	0.055	0.188	0.398	---	22
23	---	---	---	4.48	0.930	0.680	0.715	0.110E	0.055	0.218	0.353	---	23
24	---	---	---	4.31	0.840	0.715	0.645	0.110E	0.065	0.225E	0.320	---	24
25	---	---	---	4.22	0.880	0.750	0.670E	0.100E	0.055	0.233	0.315	---	25
26	---	---	---	4.07	0.845	0.840	1.09	0.090E	0.055	0.258	0.308	---	26
27	---	---	---	4.76	0.810	0.795	1.02	0.080E	0.054	0.383	0.300	---	27
28	---	---	---	4.18	0.540	0.685	0.890E	0.070E	0.053	0.428	0.292	---	28
29	---		---	3.88	0.435	0.575	0.773	0.060E	0.053	0.480	0.285	---	29
30	---		---	3.38	0.375	0.750	0.575	0.055E	0.052	0.414	0.2808	---	30
31	---		0.830		0.375		0.500E	0.060E		0.439		---	31
TOTAL	---	---	---	70.75	42.163	12.084	22.180	5.372	1.888	4.720	11.796	---	TOTAL
MEAN	---	---	---	2.28	1.36	0.403	0.715	0.173	0.063	0.152	0.383	---	MEAN
MAX	---	---	---	4.76	3.08	0.840	1.09	0.450	0.084	0.480	0.715	---	MAX
MIN	---	---	---	1.05	0.375	0.163	0.435	0.055	0.052	0.049	0.235	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 4.76 ON APR 27

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 51 01 N
LONG 121 01 33 W
DRAINAGE AREA, 174 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 930
FEB	---	AUG	464
MAR	---	SEP	163
APR	6 110	OCT	408
MAY	3 640	NOV	1 020
JUN	1 040	DEC	---

BRIDGE CREEK AT OUTLET OF HORSE LAKE - STATION NO. 08LA020

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.26	2.17	1.87	2.80	4.73	3.37	1.98	2.03	1.15	1.08	1.13	1.25	1
2	2.27	2.14	1.88	2.81	4.80E	3.37	2.00	2.03	1.20	1.08	1.14	1.24	2
3	2.27	2.18	1.84	2.82	4.80E	3.08	1.98	2.00	1.22	1.10	1.13	1.23	3
4	2.25	2.10	1.82	2.87	4.80E	2.95	2.01	1.95	1.22	1.08	1.10	1.24	4
5	2.22	2.12	1.81	2.91	4.70E	2.95	2.00	1.90	1.22	1.06	1.13	1.24	5
6	2.21	2.18	1.80	2.97	4.70E	2.89	2.01	1.85	1.21	1.07	1.10	1.23	6
7	2.20	2.07	1.80	2.98	4.80E	2.84	2.05	1.84	1.18	1.07	1.08	1.20	7
8	2.20	2.06	1.83	3.04	4.80E	2.79	2.09	1.83	1.18	1.08	1.10	1.17	8
9	2.20	2.06	1.91	3.06	4.80E	2.75	2.05	1.80	1.18	1.08	1.13	1.18	9
10	2.26	2.07	1.90	3.10	4.80E	2.87	2.02	1.82	1.19	1.04	1.18	1.188	10
11	2.31	2.08	1.94	3.14	4.80E	2.81	2.01	1.82	1.21	1.01	1.14	1.188	11
12	2.29	2.04	2.01	3.16	4.80E	2.87	1.95	1.81	1.23	1.03	1.18	1.188	12
13	2.27	2.01	2.04	3.18	4.80E	2.84	1.94	1.78	1.23	1.03	1.15	1.188	13
14	2.28	2.00	2.06	3.17	4.80E	2.48	1.91	1.73	1.25	1.03	1.14	1.188	14
15	2.26	1.98	2.10	3.19	4.80E	2.43	1.89	1.72	1.23	1.04	1.17	1.188	15
16	2.25	1.98	2.17	3.25	4.80E	2.40	1.88	1.71	1.23	1.05	1.15	1.178	16
17	2.26	1.98	2.18	3.35	4.80E	2.37	1.88	1.88	1.24	1.07	1.15	1.178	17
18	2.28	1.93	2.22	3.41	4.50E	2.30	1.88	1.82	1.20	1.09	1.15	1.178	18
19	2.24	1.85	2.28	3.47	4.50E	2.26	1.85	1.55E	1.21	1.10	1.19	1.178	19
20	2.22	1.91	2.30	3.58	4.50E	2.28	1.92	1.50E	1.18	1.08	1.20	1.178	20
21	2.24	1.88	2.32	3.84	4.50E	2.32	1.82	1.40E	1.18	1.10	1.18	1.168	21
22	2.18	1.89	2.39	3.71	4.50E	2.26	1.80	1.30E	1.20	1.07	1.21	1.168	22
23	2.18	1.91	2.42	3.81	4.50E	2.25	1.89	1.28E	1.18	1.07	1.20	1.168	23
24	2.18	1.91	2.47	3.91	4.50E	2.24	1.91	1.25E	1.18	1.08	1.25	1.168	24
25	2.25	1.90	2.50	4.08	4.50E	2.20	1.93	1.25E	1.20	1.09	1.25	1.168	25
26	2.24	1.90	2.58	4.27	4.40E	2.17	2.00	1.20E	1.17	1.05	1.27	1.158	26
27	2.21	1.88	2.61	4.41	4.30E	2.12	2.05	1.20E	1.16	1.02	1.27	1.158	27
28	2.20	1.88	2.66	4.52	4.20E	2.07	2.05	1.20E	1.16	1.10	1.25	1.158	28
29	2.20		2.68	4.58	4.10E	2.02	2.06	1.20E	1.11	1.12	1.25	1.158	29
30	2.18		2.73	4.66	4.06A	2.02	2.07	1.18E	1.10	1.11	1.25	1.158	30
31	2.17		2.76		3.58		2.05	1.18A		1.10		1.158	31
TOTAL	69.24	56.13	67.66	103.65	139.87	75.63	61.11	49.87	35.76	33.28	35.17	36.81	TOTAL
MEAN	2.23	2.00	2.19	3.48	4.61	2.52	1.97	1.90	1.19	1.07	1.17	1.18	MEAN
MAX	2.31	2.18	2.76	4.66	4.80	3.37	2.09	2.03	1.25	1.12	1.27	1.25	MAX
MIN	2.18	1.88	1.80	2.80	3.58	2.02	1.85	1.18	1.10	1.01	1.06	1.15	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.09
MAXIMUM DAILY, 4.80E ON MAY 2
MINIMUM DAILY, 1.01 ON OCT 11
MAXIMUM INSTANTANEOUS, 4.85 IN MAY

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 36 15 N
LONG 121 13 50 W
DRAINAGE AREA, 912 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1982

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	5 550	JUL	5 250
FEB	4 550	AUG	4 250
MAR	5 650	SEP	3 000
APR	6 570	OCT	2 670
MAY	12 100	NOV	3 040
JUN	6 530	DEC	3 150

TOTAL DISCHARGE, 66 000 dam³

BRIDGE CREEK NEAR 100 MILE HOUSE - STATION NO. 08LA005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.80B	2.20B	2.10B	3.36	7.77	3.73	3.88	2.98	1.44	1.14	1.13	0.845B	1
2	2.50B	2.20B	2.10B	3.42	7.77	3.85	3.91	2.74	1.50	1.14	1.20	0.860B	2
3	2.50B	2.20B	2.10B	3.85	7.54	3.65	3.52	2.13	1.46	1.16	1.12	1.00 B	3
4	2.40B	2.20B	2.20B	3.85	7.54	3.27	3.43	2.22	1.28	1.08	1.21	1.10 B	4
5	2.40B	2.20B	2.20B	3.74	7.42	3.16	3.34	2.63	1.28	1.10	1.13	1.20 B	5
6	2.40B	2.10B	2.30E	3.74	7.24	2.93	3.18	2.63	1.29	1.10	1.04	1.30 B	6
7	2.40B	2.10B	2.40E	3.90	7.41	2.93	3.11	2.35	1.24	1.00	1.13	1.30 B	7
8	2.40B	2.10B	2.40E	4.05	7.13	2.42	3.03	2.20	1.24	1.08	1.13	1.25 B	8
9	2.40B	2.10B	2.50E	4.05	7.10	2.61	3.03	2.27	1.24	1.04	1.09	1.27 B	9
10	2.40B	2.08B	2.60E	4.15	7.10	2.86	3.12	2.21	1.24	0.988	1.13	1.25 B	10
11	2.40B	2.10B	2.70E	4.13	6.98	2.54	3.12	2.28	1.24	1.00	1.25	1.30 B	11
12	2.50B	2.10B	2.80E	4.21	6.97	2.47	3.42	2.15	1.21	1.08	1.25	1.30 B	12
13	2.50B	2.20B	3.00E	4.21	6.97	2.40	3.20	2.06	1.24	1.10	1.16	1.35 B	13
14	2.60B	2.20B	3.10E	3.99	6.64	2.28	2.88	1.87	1.17	1.10	1.18	1.35 B	14
15	2.80B	2.20B	3.20E	4.31	6.43	2.33	2.65	1.86	1.20	1.04	1.20	1.35 B	15
16	2.50B	2.20B	3.23	6.34E	6.31	2.33	2.97	1.57	1.28	1.12	1.20	1.30 B	16
17	2.50B	2.20B	3.23	6.07	6.31	2.29	2.70	1.58	1.20	1.16	1.25	1.30 B	17
18	2.40B	2.20B	3.23	6.55	6.16	2.01	2.58	2.22	1.20	1.17	1.28	1.25 B	18
19	2.40B	2.20B	3.09	6.12	6.14	2.18	2.50	2.07	1.04	1.20	1.28	1.25 B	19
20	2.40B	2.20B	2.88	6.09	6.09	2.33	2.72	1.82	1.17	1.24	1.24	1.25 B	20
21	2.40B	2.20B	2.48	6.01	5.90	2.38	2.57	1.56	1.14	1.21	1.20	1.20 B	21
22	2.40B	2.20B	2.48	6.01	5.78	2.36	2.65	1.58	1.14	1.16	1.24	1.20 B	22
23	2.30B	2.20B	2.98	6.09	5.68	2.26	2.57	1.58	1.12	1.16	1.28	1.20 B	23
24	2.30B	2.20B	3.03	6.31	5.65	2.26	2.57	1.52	1.16	1.04	1.30 B	1.20 B	24
25	2.30B	2.20B	3.03	6.58	5.44	2.21	2.58	1.40	1.16	1.16	1.33	1.20 B	25
26	2.40B	2.10B	3.18	7.19	5.32	2.14	2.71	1.33	1.12	1.16	1.28	1.25 B	26
27	2.40B	2.10B	3.25	7.19	5.11	2.08	2.78	1.25	1.08	1.20	1.28	1.25 B	27
28	2.30B	2.10B	3.20	7.69	4.91	2.84	2.78	1.30	1.16	1.22	1.28	1.30 B	28
29	2.30B		3.27	7.78	4.53	2.54	2.81	1.38	1.12	1.12	1.10 B	1.30 B	29
30	2.30B		3.33	7.78	4.32	2.70E	2.81	1.46	1.12	1.17	0.900B	1.35 B	30
31	2.30B		3.41		4.06		3.02	1.43		1.21		1.35 B	31
TOTAL	74.90	60.58	86.79	159.36	195.76	77.85	91.77	59.80	38.49	34.828	35.780	38.155	TOTAL
MEAN	2.42	2.16	2.80	5.31	6.32	2.59	2.96	1.92	1.22	1.12	1.19	1.23	MEAN
MAX	2.80	2.20	3.41	7.78	7.77	3.73	3.91	2.98	1.50	1.24	1.33	1.35	MAX
MIN	2.30	2.08	2.10	3.36	4.06	2.01	2.50	1.20	1.04	0.988	0.900	0.845	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.81
MAXIMUM DAILY, 7.78 ON APR 29
MINIMUM DAILY, 0.845B ON DEC 1

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 42 18 N
LONG 121 10 33 W
DRAINAGE AREA, 1 330 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	8 470	JUL	7 930
FEB	5 230	AUG	5 140
MAR	7 500	SEP	3 150
APR	13 800	OCT	3 010
MAY	16 900	NOV	3 080
JUN	6 710	DEC	3 300

TOTAL DISCHARGE, 82 200 dam³

BRIDGE RIVER (SOUTH BRANCH) BELOW BRIDGE GLACIER - STATION NO. 08ME023

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.630B	---	---	---	2.00B	38.6	23.3	41.8	35.8	5.48	6.13A	1.18 B	1
2	0.610B	---	---	---	2.50B	36.3	22.1	42.2	33.0	5.19	6.11	1.18 B	2
3	0.590B	---	---	---	3.63B	33.4	22.4	40.0	36.2	6.04	5.05A	1.14 B	3
4	0.570B	---	---	---	3.88B	27.8	22.3	31.4	38.0	7.07	3.67	1.12 B	4
5	0.550B	---	---	---	3.80B	23.7	24.3	31.4	27.9	6.53	3.18A	1.10 B	5
6	0.540B	---	---	---	3 65B	23.9	24.8	32.2	27.1	5.31	2.92A	1.09 B	6
7	0.530B	---	---	---	3.65B	26.4	22.4	33.6	20.8	4.36	2.85	1.08 B	7
8	0.520B	---	---	---	3.40B	28.2	20.5	40.3	18.8	3.80	2.85B	1.07 B	8
9	0.510B	---	---	---	3.20B	29.9	20.0	47.6	14.2	3.31	2.40B	1.08 B	9
10	0.510B	---	---	---	3.10B	31.9	22.0	50.4	12.5	2.98	2.20B	1.05 B	10
11	0.500B	---	---	---	3.10B	24.9	37.1	54.9	10.8	2.73	2.00B	1.04 B	11
12	0.500B	---	---	---	3.25B	21.4	60.9	49.2	11.0	2.89	1.90B	1.03 B	12
13	0.500B	---	---	---	3.50B	19.3	61.9	48.6	12.8	3.31	1.85B	1.02 B	13
14	0.490B	---	---	---	3.65B	18.3	48.6	51.4	15.1	3.68	1.80B	1.01 B	14
15	0.480B	---	---	---	3.35B	21.7	31.7	42.9	15.7	3.78	1.75B	1.00 B	15
16	0.470B	---	---	---	3.50B	23.0	28.8	42.6	17.2	3.43	1.70B	0.980B	16
17	0.480B	---	---	---	4.15	23.9	29.8	41.6	14.3	3.02	1.88B	0.960B	17
18	0.450B	---	---	---	4.63	23.5	32.5	36.7	9.33	2.65	1.84B	0.970B	18
19	0.450B	---	---	---	5.18	20.0	34.7	34.2	7.41	2.36	1.82B	0.960B	19
20	0.480B	---	---	---	6.95	18.1	37.2	32.1	8.84	2.22	1.80B	0.950B	20
21	0.450B	---	---	---	8.78	17.6	34.8	30.1	8.83	2.18	1.88B	0.940B	21
22	0.450B	---	---	---	9.40	18.0	32.5	30.8	12.1	2.45	1.92B	0.930B	22
23	0.450B	---	---	---	10.2	22.9	33.5	33.1	15.8	2.24	1.48B	0.920B	23
24	0.440B	---	---	---	11.4	22.2	34.4	35.0	18.5	2.06	1.44B	0.910B	24
25	0.430B	---	---	---	13.4	17.7	33.1	33.5	19.7	1.95	1.40B	0.900B	25
26	0.420B	---	---	---	14.4	17.8	30.1	30.5	19.0	9.86	1.38B	0.890B	26
27	0.410B	---	---	---	15.1	20.2	31.3	28.4	14.5	15.8	1.32B	0.880B	27
28	0.400B	---	---	---	15.8	21.7	33.9	34.3	9.39	12.1	1 28B	0.870B	28
29	0.400B		---	---	16.9	21.9	31.6	33.7	7.10	9.15	1.24B	0.860B	29
30	0.400B		---	---	25.3	23.1	33.4	34.0	8.13	9.30	1.20B	0.850B	30
31	0.395B		---		31.7		39.0	36.2		9.81A		0.850B	31
TOTAL	14.985	---	---	---	248.61	717.8	994.6	1 184.5	510.63	180.13	70.28	30.600	TOTAL
MEAN	0.483	---	---	---	8.02	23.9	32.1	38.2	17.0	5.17	2.34	0.984	MEAN
MAX	0.630	---	---	---	31.7	38.6	61.9	54.9	38.2	15.8	6.13	1.18	MAX
MIN	0.395	---	---	---	2.00	17.6	20.5	28.4	6.13	1.95	1.20	0.850	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 61.9 ON JUL 13

MAXIMUM INSTANTANEOUS,
88.7 AT 19:20 PST ON JUL 13

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 51 24 N
LONG 123 27 05 W

A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 280	JUL	65 900
FEB	---	AUG	102 000
MAR	---	SEP	44 100
APR	---	OCT	13 800
MAY	21 800	NOV	8 070
JUN	82 000	DEC	3 880

BROUSE CREEK ABOVE DIVERSIONS - STATION NO. 08NE021

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.013	0.013E	0.015E	0.018	0.045E	0.050	0.030E	0.028E	0.018E	0.016	0.017	0.017	1
2	0.013E	0.013E	0.015E	0.019E	0.046E	0.050E	0.030E	0.026	0.018	0.018E	0.017E	0.017E	2
3	0.013E	0.013	0.015	0.021	0.048E	0.049	0.030E	0.028E	0.018E	0.015	0.016	0.016	3
4	0.012	0.013E	0.015E	0.021E	0.049	0.049E	0.031	0.027	0.018	0.015E	0.017E	0.018E	4
5	0.013E	0.013E	0.015	0.021E	0.054E	0.048	0.031E	0.028E	0.019E	0.015	0.017	0.018	5
6	0.013E	0.013	0.015E	0.021E	0.059	0.047E	0.031E	0.028	0.020	0.015E	0.017E	0.018E	6
7	0.013	0.013E	0.015E	0.021	0.061E	0.046	0.031	0.028E	0.020E	0.015	0.018	0.018	7
8	0.014E	0.013E	0.015	0.021E	0.063	0.045E	0.030E	0.027	0.020	0.014E	0.017E	0.018E	8
9	0.014E	0.013E	0.018E	0.021E	0.061E	0.044	0.030	0.027E	0.020E	0.014	0.017	0.015	9
10	0.014E	0.013	0.021	0.030	0.059	0.044E	0.031E	0.027	0.020	0.014E	0.017E	0.015E	10
11	0.015	0.013E	0.021E	0.030E	0.059E	0.043	0.033	0.027E	0.019E	0.013	0.017	0.015	11
12	0.014E	0.013E	0.020	0.020E	0.058	0.042E	0.033E	0.027	0.019	0.014E	0.017E	0.015E	12
13	0.014E	0.013	0.021E	0.020E	0.058E	0.041	0.033	0.028E	0.019E	0.014	0.018	0.015	13
14	0.013	0.013E	0.021E	0.020E	0.057	0.038E	0.033E	0.026	0.018	0.014E	0.017E	0.015E	14
15	0.013E	0.013E	0.021E	0.020E	0.054E	0.036	0.032	0.024E	0.019E	0.015	0.017	0.015	15
16	0.013	0.013E	0.021	0.020E	0.050	0.035E	0.032E	0.022	0.018	0.015	0.017E	0.014E	16
17	0.013E	0.013	0.020E	0.020	0.050E	0.034	0.031	0.021E	0.018E	0.015E	0.017	0.014	17
18	0.013E	0.013E	0.019E	0.020E	0.050	0.033E	0.031E	0.021	0.018	0.015	0.017E	0.014E	18
19	0.013E	0.013E	0.018	0.020	0.050E	0.032	0.031	0.021E	0.018E	0.015E	0.017	0.014E	19
20	0.013	0.013	0.018E	0.020E	0.049	0.032E	0.031E	0.021	0.018	0.015	0.017E	0.013	20
21	0.013E	0.014E	0.017E	0.020E	0.051E	0.032	0.031	0.021E	0.017E	0.018E	0.017	0.013E	21
22	0.013E	0.014E	0.017E	0.020E	0.053	0.032E	0.031E	0.021E	0.017	0.018	0.017E	0.013E	22
23	0.013	0.014	0.016	0.020	0.053E	0.031	0.030	0.020	0.017E	0.018E	0.017	0.013	23
24	0.013E	0.016E	0.016E	0.019E	0.053	0.031E	0.030E	0.021E	0.016	0.018	0.017E	0.013E	24
25	0.013E	0.015E	0.016E	0.018E	0.054E	0.031	0.030	0.021	0.016E	0.018E	0.017	0.013E	25
26	0.013	0.015	0.016	0.017	0.054	0.030E	0.029E	0.021E	0.018	0.015	0.017E	0.013	26
27	0.013E	0.015E	0.016E	0.025E	0.054E	0.030	0.029	0.020	0.017E	0.015E	0.015	0.013E	27
28	0.013E	0.015E	0.017E	0.033	0.053	0.030E	0.028E	0.020E	0.017	0.015	0.017E	0.013E	28
29	0.013		0.017	0.036E	0.052E	0.030	0.026	0.020	0.017E	0.018E	0.017	0.013	29
30	0.013E		0.017E	0.043	0.050	0.030E	0.028E	0.020	0.018	0.016	0.017E	0.013E	30
31	0.013		0.017E		0.050E		0.028	0.018		0.017E		0.013E	31
TOTAL	0.409	0.377	0.541	0.857	1.857	1.145	0.947	0.734	0.544	0.466	0.510	0.447	TOTAL
MEAN	0.013	0.013	0.017	0.022	0.053	0.038	0.031	0.024	0.018	0.015	0.017	0.014	MEAN
MAX	0.015	0.015	0.021	0.043	0.063	0.050	0.033	0.028	0.020	0.017	0.018	0.017	MAX
MIN	0.012	0.013	0.015	0.017	0.045	0.030	0.028	0.018	0.018	0.013	0.016	0.013	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.023
MAXIMUM DAILY, 0.063 ON MAY 8
MINIMUM DAILY, 0.012 ON JAN 4

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - MANUAL
LOCATION - LAT 50 15 00 N
LONG 117 43 40 W
DRAINAGE AREA, 1.01 km²

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	35.3	JUL	81.8
FEB	32.6	AUG	83.4
MAR	46.7	SEP	47.0
APR	56.8	OCT	40.4
MAY	163	NOV	44.1
JUN	98.9	DEC	38.6

TOTAL DISCHARGE, 729 dam³

BUCK CREEK AT THE MOUTH - STATION NO. 08EE013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.3608	0.3308	0.3248	0.3448	24.7	3.67	7.57	3.27	0.855	0.877	1.37	0.4108	1
2	0.3798	0.3298	0.3208	0.3508	24.2	3.74	7.32	3.13	0.848	0.873	1.37	0.3928	2
3	0.3778	0.3288	0.3198	0.3568	23.5	3.89	8.46	3.11	0.817	0.867	1.38	0.3808	3
4	0.3718	0.3218	0.3138	0.3658	21.7	3.78	8.73	2.86	0.820	0.870	1.45	0.3708	4
5	0.3708	0.3188	0.3118	0.3728	20.5	3.67	8.02	2.81	0.583	0.873	1.48	0.3608	5
6	0.3708	0.3158	0.3108	0.3808	19.9	4.83	4.85	2.53	0.862	0.856	1.41	0.3528	6
7	0.3728	0.3118	0.3108	0.3808	20.7	6.92	7.44	2.38	0.786	0.873	1.39	0.3448	7
8	0.3808	0.3068	0.3108	0.4038	21.5	6.48	9.85	2.28	0.856	0.869	1.45	0.3388	8
9	0.3868	0.3048	0.3118	0.4208	19.7	5.54	8.72	2.11	0.816	0.870	1.38	0.3288	9
10	0.3958	0.3018	0.3148	0.4408	17.7	6.73	7.58	1.84	0.840	0.880	1.30	0.3208	10
11	0.4018	0.3008	0.3148	0.4888	16.0	8.13	7.88	1.59	0.778	0.887	1.29	0.3148	11
12	0.4028	0.3008	0.3158	0.5428	14.5	7.59	8.88	1.47	0.718	0.876	1.24	0.3088	12
13	0.4008	0.3018	0.3188	0.6408	14.2	6.47	8.79	1.38	0.755	0.857	1.25	0.3028	13
14	0.3978	0.3028	0.3208	0.7408	16.4	5.86	11.3	1.29	0.859	0.836	1.33	0.2988	14
15	0.3908	0.3098	0.3218	0.8408	16.8	5.41	12.1	1.26	0.996	0.808	1.27	0.2908	15
16	0.3858	0.3128	0.3238	1.01 B	16.3	5.33	10.5	1.22	1.15	0.578	1.29	0.2878	16
17	0.3808	0.3178	0.3288	1.39 B	15.1	5.73	8.85	1.19	1.16	0.584	1.30	0.2848	17
18	0.3758	0.3208	0.3308	1.78 B	13.2	5.77	7.29	1.11	1.19	0.616	1.30	0.2818	18
19	0.3718	0.3218	0.3308	2.20 B	11.8	5.37	8.37	1.02	1.17	0.655	1.11	0.2788	19
20	0.3628	0.3228	0.3308	2.80 B	11.2	5.18	5.88	0.947	1.14	0.709	0.8808	0.2768	20
21	0.3558	0.3268	0.3308	3.30 B	10.7	5.00	5.73	0.863	1.08	0.809	0.7508	0.2738	21
22	0.3508	0.3288	0.3308	2.85 B	9.71	4.54	5.61	0.822	1.03	0.931	0.6808	0.2718	22
23	0.3468	0.3308	0.3308	5.50	8.82	4.15	5.01	0.746	0.965	1.08	0.6308	0.2898	23
24	0.3438	0.3328	0.3318	7.42	8.05	4.20	4.88	0.688	0.918	1.11	0.5808	0.2678	24
25	0.3418	0.3378	0.3318	10.3	7.41	4.47	4.57	0.631	0.870	1.14	0.5508	0.2658	25
26	0.3408	0.3398	0.3328	13.8	8.73	5.05	4.81	0.838	0.850	1.42	0.5188	0.2648	26
27	0.3388	0.3318	0.3338	15.4	8.23	4.83	4.26	0.627	0.804	1.83	0.4908	0.2638	27
28	0.3368	0.3298	0.3348	16.0	8.71	5.06	4.30	0.618	0.747	1.83	0.4708	0.2628	28
29	0.3338		0.3378	22.3	9.18	7.04	4.43	0.733	0.688	1.82	0.4488	0.2618	29
30	0.3328		0.3408	24.8	8.88	7.07	4.01	0.761	0.688	1.44	0.4288	0.2608	30
31	0.3318		0.3428		8.18		3.89	0.716		1.38		0.2588	31
TOTAL	11.388	8.922	10.042	141.000	437.02	173.12	209.13	68.389	25.840	27.197	31.788	9.421	TOTAL
MEAN	0.367	0.319	0.324	4.70	14.1	5.77	6.71	1.50	0.861	0.877	1.06	0.304	MEAN
MAX	0.402	0.339	0.342	24.8	24.7	8.83	12.1	3.27	1.19	1.83	1.48	0.410	MAX
MIN	0.331	0.300	0.310	0.344	4.18	3.87	3.89	0.818	0.583	0.578	0.428	0.258	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.10
MAXIMUM DAILY, 24.8 ON APR 30
MINIMUM DAILY, 0.2588 ON DEC 31
MAXIMUM INSTANTANEOUS,
25.3 AT 15:41 PST ON APR 30

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 23 52 N
LONG 126 39 04 W
DRAINAGE AREA, 580 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	884	JUL	18 000
FEB	771	AUG	4 810
MAR	888	SEP	2 230
APR	12 200	OCT	2 350
MAY	37 800	NOV	2 740
JUN	15 000	DEC	814

TOTAL DISCHARGE, 97 800 dam³

BULKLEY RIVER AT QUICK - STATION NO. 08EE004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	25.40	26.20	19.80	17.10	263	398	227	128	86.5	74.7	63.0	33.80	1
2	25.30	25.90	19.40	17.30	265	389	220	125	85.8	73.7	63.4	32.10	2
3	25.20	25.40	19.10	17.50	272	406	216	123	87.5	72.3	63.3	31.40	3
4	25.10	24.90	18.80	17.70	286	373	206	121	87.4E	71.8	66.3	30.80	4
5	25.00	24.30	18.50	17.90	284	349	201E	117	87.3	70.2	66.1E	30.20	5
6	25.50	24.00	18.30	18.10	244	327	194	116 E	87.5	69.1	66.0	29.80	6
7	27.00	23.70	18.10	18.40	246	349	197	112 E	89.6	67.6	65.5	29.00	7
8	29.00	23.40	17.90	18.70	264	330	212	110	90.4	66.0	64.7	28.50	8
9	32.50	23.10	17.70	19.00	255	315	198	107	86.6	63.0	63.3	28.00	9
10	33.00	22.80	17.50	19.30	237	321	192	106 E	83.3	62.1	60.9	27.50	10
11	32.60	22.90	17.40	19.70	223	308	190	108	81.6	60.2	58.2	27.00	11
12	32.20	23.00	17.30	20.20	222	297	188E	108	77.5	58.2	59.3	26.50	12
13	31.80	23.20	17.20	20.60	232	281	182	107	77.8	56.8	58.4	26.00	13
14	31.40	23.10	17.20	21.70	265	272E	196	106	78.8	55.7	56.5	25.60	14
15	31.00	23.00	17.10	23.00	269	262	193	100	82.6	52.9	57.0	25.20	15
16	30.60	22.60	17.10	24.80	269	247	186	100	82.2	53.1	56.8	24.80	16
17	30.20	22.60	17.10	26.80	263	247	177	100	82.6	51.8	56.5	24.00	17
18	29.80	22.40	17.00	30.50	262	247	175	102	78.4	51.9	57.0	24.20	18
19	29.40	22.20	17.00	34.00	266	246	170	101	77.6	50.9	56.8	24.00	19
20	29.00	22.00	17.00	47.00	272	244	166	99.6E	76.2	51.8	54.7	23.80	20
21	28.70	21.60	17.00	58.6	309	243	166	96.6	74.7	51.5	50.6	23.60	21
22	28.40	21.60	17.00	64.7	310	243	166	95.3	73.1	53.7	46.4	23.40	22
23	28.10	21.40	17.00	72.9	300	246E	162	94.1	71.5	56.1	44.00	23.20	23
24	27.60	21.20	17.00	85.0	305	246	153	92.3	70.6	55.7	41.50	23.00	24
25	27.50	21.00	17.00	101	305	236	151	92.0	69.3	57.3	39.50	22.80	25
26	27.30	20.70	17.00	131	304	255	149	88.3	70.2	63.0	38.30	22.60	26
27	27.10	20.40	17.00	154	289	256	146	86.1	70.5	64.2	37.10	22.40	27
28	27.00	20.30	17.00	177	288	250	143	85.8	70.3	63.0	35.80	22.20	28
29	26.90		17.00	208	306	238	137	106	70.5	60.8	34.70	22.10	29
30	26.80		17.00	255	341	236	133	89.1	70.6	61.5	33.50	22.00	30
31	26.70		17.00		391		128E	88.1		63.7		21.90	31
TOTAL	883.3	639.2	543.5	1 756.7	8 686	8 685	5 530	3 215.3	2 407.4	1 883.5	1 815.6	891.0	TOTAL
MEAN	28.5	22.8	17.5	56.6	279	289	178	104	80.2	60.7	53.9	28.6	MEAN
MAX	33.0	26.2	19.8	255	391	406	227	128	90.4	74.7	66.3	32.8	MAX
MIN	25.0	20.2	17.0	17.1	222	236	130	86.8	69.3	50.9	33.5	21.9	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 100
MAXIMUM DAILY, 406 ON JUN 3
MINIMUM DAILY, 17.00 ON MAR 16

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - MANUAL
LOCATION - LAT 54 37 05 N
LONG 126 53 55 W
DRAINAGE AREA, 7 380 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	78 300	JUL	478 000
FEB	55 200	AUG	278 000
MAR	47 000	SEP	208 000
APR	152 000	OCT	163 000
MAY	748 000	NOV	140 000
JUN	749 000	DEC	89 200

TOTAL DISCHARGE, 3 160 000 dam³

BULKLEY RIVER NEAR HOUSTON - STATION NO. 08EE003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	1.908	75.6	14.0	10.4	10.0	0.930	---	---	---	1
2	---	---	---	1.958	75.6	13.4	17.2	8.52	0.960	---	---	---	2
3	---	---	---	2.028	71.7	13.3	15.7	7.96	1.00	---	---	---	3
4	---	---	---	2.118	66.3	13.3	14.3	7.71	1.12	---	---	---	4
5	---	---	---	2.238	65.6	13.1	13.4	7.46	1.40	---	---	---	5
6	---	---	---	2.398	64.9	13.1	12.3	6.76	1.40	---	---	---	6
7	---	---	---	2.658	62.5	16.9	20.5	6.47 E	1.43	---	---	---	7
8	---	---	---	2.958	72.4	15.4	25.8	6.19	1.45	---	---	---	8
9	---	---	---	3.258	66.6	15.2	23.0	5.36	1.47	---	---	---	9
10	---	---	---	3.608	64.0	16.0	21.9	5.36	1.49	---	---	---	10
11	---	---	---	3.82	56.2	19.1	20.9	5.36	1.38 E	---	---	---	11
12	---	---	---	4.00	52.7	18.9	20.9	3.96	1.26	---	---	---	12
13	---	---	---	4.34	52.3	15.7	21.4	3.80	1.30	---	---	---	13
14	---	---	---	4.53	53.3	14.4	20.5	3.49	1.32	---	---	---	14
15	---	---	---	5.41	52.8	13.7	19.5	3.45	1.36	---	---	---	15
16	---	---	---	5.96	48.6	12.8	18.8	3.36	1.67	---	---	---	16
17	---	---	---	8.96	45.9	13.6	18.2	3.27	2.22	---	---	---	17
18	---	---	---	9.60	43.2	13.3	17.7	3.01	2.26 E	---	---	---	18
19	---	---	---	12.6	41.2	12.9	17.3	2.96 E	2.28	---	---	---	19
20	---	---	---	13.3	37.1	12.7	17.0	2.94	2.26	---	---	---	20
21	---	---	---	17.4	36.7	12.3	16.8	2.82	2.18	---	---	---	21
22	---	---	---	21.6	31.8	12.0	15.4	2.82	2.04	---	---	---	22
23	---	---	---	23.3	26.2	11.9	14.3	2.46	1.88	---	---	---	23
24	---	---	---	29.0	25.6	13.2	13.7	3.06	1.71	---	---	---	24
25	---	---	---	40.8	23.6	14.0	14.0	1.89	1.47	---	---	---	25
26	---	---	---	44.6	21.1	17.7	13.7	1.35	1.80	---	---	---	26
27	---	---	---	51.6	18.3	22.1	13.2	1.33	1.66	---	---	---	27
28	---	---	---	59.6	16.5	20.9	12.9	1.26 E	1.61 E	---	---	---	28
29	---		---	67.2	15.8	18.1	12.2	1.19	1.56	---	---	---	29
30	---		---	75.3	15.0	16.6	11.3	0.990	1.52	---	---	---	30
31	---		---		14.7		10.7	0.792		---	---	---	31
TOTAL	---	---	---	525.11	1 422.9	450.9	522.4	125.862	47.310	---	---	---	TOTAL
MEAN	---	---	---	17.5	45.9	15.0	16.9	4.06	1.58	---	---	---	MEAN
MAX	---	---	---	75.3	75.6	22.1	25.8	10.0	2.26	---	---	---	MAX
MIN	---	---	---	1.90	14.7	11.9	10.7	0.792	0.930	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 75.6 ON MAY 1

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - MANUAL
LOCATION - LAT 54 23 45 N
LONG 126 42 30 W
DRAINAGE AREA, 2 380 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	45 100
FEB	---	AUG	15 600
MAR	---	SEP	4 090
APR	45 600	OCT	---
MAY	123 000	NOV	---
JUN	39 000	DEC	---

BULL CREEK NEAR CRUMP - STATION NO. 08NM133

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.039	0.038	0.033	0.039	0.627	0.584	0.223	0.172	0.062	0.052	0.044	0.0249	1
2	0.038	0.038	0.034	0.038	0.812	0.516	0.408	0.142	0.059	0.051	0.051	0.0218	2
3	0.038	0.039	0.033	0.039	0.587	0.480	0.314	0.121	0.062	0.051	0.041	0.0208	3
4	0.039	0.0228	0.033	0.039	0.521	0.422	0.256	0.121	0.066	0.052	0.037	0.0209	4
5	0.042	0.0248	0.044	0.040	0.701	0.391	0.228	0.117	0.060	0.052	0.044	0.0209	5
6	0.040	0.026	0.034	0.045	0.683	0.368	0.220	0.110	0.055	0.051	0.059	0.0209	6
7	0.038	0.034	0.032	0.056	0.634	0.344	0.213	0.100	0.050	0.048	0.055	0.0209	7
8	0.057	0.032	0.031	0.055	0.579	0.324	0.205	0.097	0.048	0.049	0.049	0.021	8
9	0.058	0.034	0.034	0.051	0.516	0.309	0.341	0.098	0.046	0.051	0.048	0.022	9
10	0.046	0.033	0.045	0.055	0.519	0.304	0.256	0.129	0.071	0.052	0.048	0.025	10
11	0.041	0.034	0.045	0.052	0.544	0.296	0.235	0.219	0.138	0.053	0.051	0.023	11
12	0.041	0.030	0.041	0.047	0.573	0.303	0.302	0.156	0.082	0.048	0.048	0.028	12
13	0.042	0.028	0.039	0.055	0.607	0.283	0.293	0.126	0.077	0.049	0.048	0.030	13
14	0.042	0.029	0.038	0.059	0.600	0.289	0.258	0.113	0.068	0.050	0.048	0.028	14
15	0.041	0.029	0.036	0.058	0.652	0.491	0.341	0.100	0.059	0.052	0.048	0.028	15
16	0.040	0.027	0.040	0.063	0.587	0.343	0.234	0.091	0.061	0.051	0.048	0.032	16
17	0.041	0.028	0.051	0.061	0.683	0.359	0.227	0.086	0.062	0.051	0.048	0.031	17
18	0.040	0.030	0.062	0.121	0.648	0.340	0.303	0.083	0.059	0.051	0.047	0.030	18
19	0.040	0.030	0.072	0.162	0.634	0.295	0.193	0.078	0.058	0.049	0.033	0.031	19
20	0.037	0.029	0.065	0.204	0.738	0.274	0.208	0.073	0.057	0.048	0.052	0.032	20
21	0.034	0.034	0.038	0.281	0.634	0.272	0.201	0.069	0.063	0.048	0.047	0.031	21
22	0.033	0.033	0.037	0.288	0.612	0.268	0.180	0.064	0.062	0.055	0.038	0.030	22
23	0.033	0.031	0.038	0.388	0.639	0.265	0.169	0.061	0.061	0.058	0.044	0.0288	23
24	0.035	0.035	0.038	0.514	0.854	0.274	0.180	0.059	0.061	0.048	0.041	0.0238	24
25	0.036	0.034	0.038	0.480	0.883	0.262	0.204	0.058	0.060	0.048	0.042	0.0249	25
26	0.038	0.031	0.038	0.318	0.851	0.238	0.191	0.060	0.065	0.043	0.038	0.0418	26
27	0.036	0.032	0.038	0.284	0.801	0.228	0.172	0.068	0.064	0.043	0.036	0.0448	27
28	0.039	0.031	0.039	0.265	0.780	0.212	0.181	0.058	0.061	0.041	0.037	0.0488	28
29	0.038		0.037	0.436	0.743	0.220	0.180	0.058	0.048	0.039	0.0338	0.0478	29
30	0.037		0.040	0.573	0.682	0.224	0.145	0.058	0.060	0.041	0.0298	0.0458	30
31	0.038		0.039		0.808		0.138	0.057		0.043		0.0449	31
TOTAL	1.233	0.902	1.245	5.209	21.141	9.713	7.068	3.005	1.887	1.515	1.436	0.938	TOTAL
MEAN	0.040	0.032	0.040	0.174	0.682	0.324	0.228	0.097	0.062	0.049	0.048	0.030	MEAN
MAX	0.058	0.038	0.072	0.573	0.883	0.584	0.408	0.219	0.138	0.058	0.087	0.048	MAX
MIN	0.033	0.027	0.031	0.038	0.519	0.212	0.138	0.057	0.048	0.039	0.029	0.029	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.181
MAXIMUM DAILY, 0.883 ON MAY 25
MINIMUM DAILY, 0.0208 ON DEC 3
MAXIMUM INSTANTANEOUS,
0.934 AT 23:30 PST ON MAY 24

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 37 15 N
LONG 119 54 10 W
DRAINAGE AREA, 48.9 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	107	JUL	611
FEB	77.9	AUG	260
MAR	108	SEP	161
APR	450	OCT	131
MAY	1 830	NOV	124
JUN	839	DEC	80.2

TOTAL DISCHARGE, 4 780 dam³

BULL RIVER NEAR WARDNER - STATION NO. 08NB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.32	7.40	8.73	11.2	48.6	144	72.6	31.3	16.2	10.9	10.3	8.48	1
2	8.10	7.62	8.96	11.4	47.2	126	66.0	31.7	17.5	10.4	10.6	7.46	2
3	7.35	8.67	8.64	11.4	48.6	128	69.1	31.0	17.3	10.3	23.7	7.408	3
4	7.76	8.15	8.00	11.4	51.9	134	64.6	29.2	18.4	10.3	81.8	7.653	4
5	7.91	8.98	8.34	11.8	54.5	133	63.4	27.8	18.3	10.1	48.6	8.108	5
6	7.87	8.67	8.19	12.4	59.8	119	64.9	26.9	15.8	9.88	34.6	8.258	6
7	8.10	7.32	8.12	14.3	67.1	123	64.6	26.1	15.1	9.89	28.5	8.278	7
8	10.4	7.10	8.02	14.8	67.8	126	61.8	25.8	14.4	9.86	24.3	8.838	8
9	8.56	6.98	8.31	15.1	60.4	124	56.4	25.3	14.0	9.59	21.6	9.309	9
10	8.60	7.10	11.6	14.8	53.2	121	48.2	24.7	13.8	9.51	20.0	10.2 9	10
11	8.81	6.83	14.9	13.8	50.0	110	44.3	25.8	13.7	9.37	19.2	10.4	11
12	8.42	7.32	14.4	13.3	50.5	88.8	51.6	26.9	13.4	9.34	18.0	9.87	12
13	7.86	7.90	13.7	12.9	53.0	74.4	98.1	24.4	13.1	9.29	17.8	9.89	13
14	7.12	7.23	13.3	12.6	56.2	73.4	176	23.0	12.9	9.21	17.1	9.73	14
15	8.54	6.72	12.8	13.5	56.9	81.4	108	22.4	12.8	9.20	16.5	9.19	15
16	8.92	6.67	12.3	16.2	58.4	81.0	88.1	21.8	12.4	8.88	16.4	8.188	16
17	7.86	7.02	11.9	18.8	62.9	78.4	76.4	20.9	12.6	9.05	16.9	7.408	17
18	7.47	8.08	11.4	21.8	73.0	76.8	68.8	20.3	12.3	9.13	16.9	8.658	18
19	7.57	7.44	10.4	26.6	70.8	88.8	61.3	19.7	11.8	8.84	16.7	8.308	19
20	7.38	7.29	10.6	33.1	67.4	98.0	58.5	19.0	11.6	9.04	15.2	9.978	20
21	8.70	7.32	10.5	40.5	66.5	91.1	52.5	18.5	11.6	9.01	14.5	9.808	21
22	7.61	7.66	9.98	52.0	106	48.6	48.8	18.1	11.4	11.8	13.9	9.768	22
23	7.31	7.00	8.96	66.3	123	63.9	44.5	18.2	11.3	14.8	13.6	9.808	23
24	7.31	7.66	9.79	81.4	143	85.7	42.6	19.5	11.1	11.8	13.1	9.728	24
25	6.57	8.33	9.73	101	168	82.7	44.7	20.6	11.0	11.0	12.8	9.388	25
26	7.10	9.07	10.0	77.0	185	88.0	45.5	19.8	10.8	10.4	12.3	7.308	26
27	7.66	8.72	10.4	60.5	197	88.5	40.0	19.0	10.6	10.1	12.1	7.338	27
28	8.04	8.51	10.3	48.8	192	85.2	38.9	18.4	11.1	9.67	11.7	7.208	28
29	7.03		10.3	44.6	208	88.0	34.7	18.2	10.8	9.84	11.4	7.228	29
30	6.56		11.0	44.8	211	85.4	33.1	17.4	10.7	10.0	10.5	7.388	30
31	6.88		11.1		176		32.2	16.7		12.5		7.868	31
TOTAL	237.47	205.39	326.27	918.8	2 860.7	2 748.0	1 909.0	709.8	393.7	316.13	498.7	241.14	TOTAL
MEAN	7.66	7.33	10.5	30.6	85.5	91.5	61.6	22.8	13.1	10.1	20.3	7.78	MEAN
MAX	10.4	9.07	14.9	101	211	144	176	31.7	17.5	14.8	81.8	10.4	MAX
MIN	6.56	6.67	8.02	11.2	48.6	48.8	32.2	16.7	10.7	9.84	10.5	6.73	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 21.7
MAXIMUM DAILY, 211 ON MAY 30
MINIMUM DAILY, 6.738 ON DEC 24
MAXIMUM INSTANTANEOUS,
231 AT 03:41 MST ON MAY 30

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 28 25 N
LONG 118 31 50 W
DRAINAGE AREA, 1 930 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	20 800	JUL	165 000
FEB	17 700	AUG	61 100
MAR	33 200	SEP	36 000
APR	78 200	OCT	27 100
MAY	256 000	NOV	52 000
JUN	237 000	DEC	20 000

TOTAL DISCHARGE, 899 000 dam³

BULMAN CREEK AT THE MOUTH - STATION NO. 08NH145

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.011	0.012	0.010	0.033	0.882	0.042	0.047	0.015	0.061	0.058	0.012	0.010B	1
2	0.013	0.009	0.008	0.032	0.954	0.046	0.061	0.012	0.090	0.056	0.023	0.008B	2
3	0.013	0.007B	0.008	0.032	0.860	0.051	0.067	0.009	0.068	0.055	0.019	0.011B	3
4	0.016	0.006B	0.009	0.033	0.801	0.051	0.080	0.008	0.065	0.058	0.018	0.008B	4
5	0.019A	0.005B	0.009	0.040	0.813	0.047	0.050	0.007	0.067	0.055	0.015	0.010B	5
6	0.019B	0.008B	0.010	0.046	0.911	0.044	0.047	0.006	0.062	0.054	0.015	0.010B	6
7	0.020	0.011B	0.010	0.056	0.995	0.041	0.046	0.006	0.062	0.056	0.015	0.011	7
8	0.017	0.013	0.010	0.058	0.925	0.037	0.084	0.005	0.061	0.057	0.013	0.012	8
9	0.015	0.011	0.018	0.051	0.768	0.033	0.104	0.006	0.062	0.056	0.013	0.012	9
10	0.016	0.010	0.034	0.047	0.860	0.046	0.088	0.017	0.068	0.055	0.012	0.013	10
11	0.016	0.009	0.040	0.045	0.596	0.039	0.076	0.038	0.070	0.053	0.013	0.011	11
12	0.013	0.011	0.036	0.046	0.548	0.034	0.070	0.045	0.067	0.052	0.014	0.009	12
13	0.012	0.010	0.033	0.047	0.536	0.032	0.070	0.034	0.064	0.053	0.013	0.009	13
14	0.009	0.008	0.031	0.045	0.583	0.030	0.080	0.026	0.062	0.052	0.012	0.008	14
15	0.009	0.008	0.029	0.052	0.633	0.052	0.060	0.016	0.060	0.053	0.014	0.009	15
16	0.009	0.008	0.027	0.083	0.650	0.057	0.054	0.012	0.060	0.054	0.023	0.006	16
17	0.009	0.008	0.026	0.083	0.612	0.070	0.048	0.010	0.061	0.055	0.021	0.006	17
18	0.010	0.007	0.026	0.102	0.554	0.098	0.043	0.009	0.061	0.055	0.018	0.005	18
19	0.009	0.008	0.026	0.118	0.456	0.084	0.037	0.008	0.060	0.054	0.017	0.005	19
20	0.017E	0.008	0.025	0.130	0.402	0.099	0.037	0.007	0.061	0.054	0.018	0.005B	20
21	0.104E	0.008	0.026	0.152	0.402	0.125	0.030	0.007	0.061	0.054	0.014	0.004B	21
22	0.258	0.008	0.026	0.178	0.365	0.109	0.026	0.007	0.060	0.054	0.013	0.003B	22
23	0.265	0.008	0.028	0.240	0.337	0.108	0.021	0.008	0.058	0.055	0.014A	0.002B	23
24	0.266	0.011	0.028	0.774	0.283	0.106	0.021	0.008	0.058	0.053	0.014	0.003B	24
25	0.266	0.012	0.027	1.16	0.240	0.089	0.026	0.007	0.058	0.053	0.013	0.005B	25
26	0.269	0.011	0.026	0.975	0.207	0.077	0.022	0.019	0.058	0.053	0.012	0.004B	26
27	0.268	0.011	0.028	0.812	0.181	0.063	0.024	0.058	0.059	0.053	0.011B	0.005B	27
28	0.271	0.010	0.029	0.784	0.151	0.053	0.024	0.056	0.056	0.041	0.011B	0.004B	28
29	0.269		0.028	0.724	0.130	0.048	0.024	0.058	0.057	0.012	0.011B	0.005B	29
30	0.271		0.030	0.823	0.115	0.050	0.018	0.057	0.058	0.011	0.011B	0.005B	30
31	0.152		0.033		0.074		0.015	0.055		0.012		0.005B	31
TOTAL	2.930	0.256	0.734	7.893	16.757	1.855	1.452	0.636	1.880	1.546	0.440	0.220	TOTAL
MEAN	0.095	0.009	0.024	0.263	0.541	0.062	0.047	0.021	0.063	0.050	0.015	0.007	MEAN
MAX	0.271	0.013	0.040	1.16	0.995	0.125	0.104	0.058	0.090	0.058	0.023	0.013	MAX
MIN	0.009	0.005	0.008	0.032	0.074	0.030	0.015	0.005	0.057	0.011	0.011	0.002	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.100
MAXIMUM DAILY, 1.16 ON APR 25
MINIMUM DAILY, 0.002B ON DEC 23
MAXIMUM INSTANTANEOUS,
1.21 AT 08:04 PST ON APR 25

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 00 18 N
LONG 119 15 08 W
DRAINAGE AREA, 12.7 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1970

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	253	JUL	125
FEB	22.1	AUG	55.0
MAR	63.4	SEP	162
APR	682	OCT	134
MAY	1 450	NOV	38.0
JUN	160	DEC	19.0

TOTAL DISCHARGE, 3 180 dam³

BURRELL CREEK ABOVE GLOUCESTER CREEK - STATION NO. 08NN023

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.540B	0.850	2.65	4.38	16.8	35.4 A	6.74	2.38	0.808	0.507	1.18	1.808	1
2	0.575B	0.836B	2.69	4.42	17.3	33.5	7.76	2.18	0.776	0.490	1.41	1.758	2
3	0.580B	0.830B	2.72	4.29	16.9	28.9	7.16	2.03	0.780	0.486	3.23	1.678	3
4	0.583B	0.825B	3.21	4.27	16.8	23.7	6.46	1.89	0.687	0.479	5.18	1.608	4
5	0.560B	0.820B	3.61	4.36	17.7	20.6	5.90	1.75	0.731	0.464	4.08	1.538	5
6	0.640B	0.810B	3.61	4.76	20.6	19.6	6.42	1.60	0.666	0.442	2.57	1.468	6
7	0.750B	0.805B	3.70	5.10	25.3	22.1	6.02	1.44	0.828	0.438	3.23	1.338	7
8	0.830B	0.803B	4.00	7.04	23.0	23.2	5.67	1.36	0.800	0.429	2.98	1.248	8
9	0.800B	0.800B	7.18	6.27	18.2	23.0	5.51	1.28	0.824	0.422	2.61	1.388	9
10	0.820B	0.800B	12.5	5.68	16.1	19.9	4.85	1.20	0.725	0.404	2.74	1.388	10
11	0.870B	0.863	14.7	5.18	15.7	16.4	4.90	1.76	0.980	0.381	2.88	1.408	11
12	0.850B	1.03	11.3	4.65	15.6	14.2	4.71	1.76	1.02	0.375	2.97	1.398	12
13	0.825B	1.08	9.48	4.66	15.9	13.6	5.45	1.44	0.927	0.366	3.00	1.378	13
14	0.800B	1.09	8.06	4.66	17.4	13.7	5.46	1.27	0.849	0.366	3.08	1.368	14
15	0.780B	1.10	7.38	4.94	19.6	18.3	5.28	1.17	0.882	0.354	3.24	1.388	15
16	0.790B	1.10	6.81	5.66	21.5	16.5	4.98	1.06	0.826	0.330	3.98	1.358	16
17	0.785B	1.16	6.07	6.66	21.7	16.1	4.71	0.981	0.783	0.365	4.70	1.368	17
18	0.780B	1.20	5.59	9.17	20.9	14.4	4.32	0.921	0.778	0.396	4.04	1.378	18
19	0.776B	1.22	5.20	11.7	20.1	12.0	4.01	0.887	0.768	0.364	4.64	1.368	19
20	0.777B	1.25	4.88	13.3	22.6	10.4	3.87	0.786	0.717	0.416	4.25	1.368	20
21	0.780	1.28	4.82	14.9	31.4	9.40	3.90	0.726	0.666	0.436	3.81	1.248	21
22	0.770	1.28	4.39	16.6	31.6	8.83	3.46	0.680	0.664	0.700	3.72	1.218	22
23	0.762	1.41	4.26	19.5	36.0	9.21	3.22	0.688	0.618	0.801	3.48	1.168	23
24	0.765	1.83	4.20	31.9	38.0	12.0	3.01	0.621	0.569	0.615	3.35	1.148	24
25	0.766	2.38	4.18	32.3	41.3	10.2	3.11	0.634	0.666	0.600	3.23	1.078	25
26	0.765	2.86	4.05	26.0	40.0	8.78	3.21	0.882	0.588	0.600	3.10	1.098	26
27	0.821	2.72	4.03	20.6	43.0E	6.35	2.60	0.740	0.641	0.551	2.808	1.098	27
28	0.871	2.66	4.10	17.1	46.5E	7.59	3.02	0.826	0.520	0.536	2.608	1.078	28
29	0.911		4.09	15.6	46.5E	7.76	3.16	0.804	0.626	0.523	1.938	1.068	29
30	0.908		4.18	15.2	47.5E	7.40	2.83	0.806	0.510	0.580	1.708	1.088	30
31	0.883		4.39		44.0E		2.66	0.713		0.852		1.058	31
TOTAL	24.058	35.511	171.43	332.72	827.6	485.43	149.43	37.227	21.289	15.178	97.88	40.48	TOTAL
MEAN	0.776	1.27	5.53	11.1	26.7	16.2	4.88	1.20	0.710	0.490	3.26	1.31	MEAN
MAX	0.871	2.72	14.7	32.3	46.5	35.4	7.76	2.38	1.02	0.852	5.18	1.78	MAX
MIN	0.576	0.800	2.66	4.27	15.7	7.40	2.66	0.621	0.510	0.330	1.18	1.05	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.12
MAXIMUM DAILY, 46.5E ON MAY 28
MINIMUM DAILY, 0.330 ON OCT 16

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 35 21 N
LONG 118 18 40 W
DRAINAGE AREA, 224 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	2 080	JUL	12 900
FEB	3 070	AUG	3 220
MAR	14 800	SEP	1 840
APR	28 700	OCT	1 310
MAY	71 500	NOV	8 430
JUN	41 900	DEC	3 500

TOTAL DISCHARGE, 193 000 dam³

CARIN CREEK NEAR THE MOUTH - STATION NO. 08NP004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.297B	0.484	0.485	0.510	2.82	9.03	2.84	1.48	0.615	0.585	1.45	0.500B	1
2	0.294B	0.455B	0.481	0.500	2.99	7.46	2.70	1.39	0.783	0.586	1.20	0.483B	2
3	0.276B	0.405B	0.472	0.498	3.47	7.31	3.21	1.32	0.730	0.560	1.98	0.475B	3
4	0.484	0.435B	0.477	0.500	3.70	7.14	2.87	1.25	0.675	0.517	6.74	0.484B	4
5	0.458	0.463B	0.470	0.535	4.21	8.82	2.85	1.12	0.846	0.504	2.85	0.495B	5
6	0.456	0.510B	0.470	0.565	5.00	6.84	2.58	1.04	0.744	0.494	2.64	0.490B	6
7	0.453	0.538B	0.473	0.625	5.16	5.79	2.48	0.978	0.673	0.494	2.31	0.482B	7
8	0.566	0.500B	0.476	0.624	4.71	6.20	3.89	0.871	0.634	0.497	1.87	0.485B	8
9	0.553	0.486B	0.484	0.698	4.12	5.51	2.88	0.938	0.619	0.499	1.64	0.500B	9
10	0.536	0.484	0.614	0.589	3.66	6.47	2.48	0.887	0.632	0.497	1.49	0.525B	10
11	0.507	0.481	0.764	0.587	3.44	5.95	2.29	0.877	0.648	0.491	1.43	0.530B	11
12	0.500	0.479	0.717	0.562	3.39	4.88	2.37	0.902	0.625	0.494	1.32	0.528B	12
13	0.488	0.480	0.851	0.585	3.68	4.29	4.29	0.838	0.608	0.493	1.26	0.540B	13
14	0.455B	0.452	0.647	0.590	4.04	4.05	13.4	0.786	0.601	0.491	1.18	0.547	14
15	0.410B	0.463	0.623	0.640	3.94	4.36	5.67	0.792	0.599	0.492	1.10	0.558	15
16	0.303B	0.480	0.590	0.733	4.82	3.82	4.51	0.780	0.588	0.502	1.06	0.540B	16
17	0.433B	0.478	0.574	0.820	6.18	4.09	3.93	0.741	0.584	0.504	1.00	0.480B	17
18	0.476	0.476	0.560	1.49	6.79	4.45	3.30	0.706	0.615	0.491	0.979	0.420B	18
19	0.415B	0.473	0.547B	2.04	5.69	3.50	3.02	0.686	0.601	0.483	0.925	0.368B	19
20	0.366B	0.472	0.520B	2.80	7.62	3.19	3.11	0.688	0.591	0.505	0.881	0.350B	20
21	0.410B	0.487	0.548	3.22	11.8	2.85	3.00	0.845	0.599	0.504	0.804	0.345B	21
22	0.459	0.486	0.532	3.98	12.4	2.84	2.82	0.838	0.584	0.909	0.780B	0.348B	22
23	0.480	0.471	0.516	4.72	15.1	2.94	2.50	0.861	0.585	1.27	0.773	0.342B	23
24	0.494	0.487	0.505	7.15	18.6	3.50	2.50	0.902	0.576	0.753	0.785	0.337B	24
25	0.496	0.487	0.501	6.03	18.7	3.11	2.40	0.729	0.576	0.689	0.748	0.350B	25
26	0.459	0.479	0.462	3.94	19.4	2.88	2.27E	0.884	0.567	0.688	0.712	0.400B	26
27	0.483	0.483	0.518	3.18	17.4	2.83	2.08E	0.876	0.568	0.635	0.706	0.428B	27
28	0.478B	0.486	0.507	2.80	16.4	2.73	1.94A	0.862	0.619	0.621	0.698B	0.422B	28
29	0.472B		0.504	2.87	17.4	2.77	1.82	0.830	0.605	0.623	0.670B	0.422B	29
30	0.466B		0.512	2.80	16.8	3.28	1.88	0.817	0.592	0.624	0.560B	0.480B	30
31	0.472		0.509		11.2		1.57	0.800		1.12		0.515B	31
TOTAL	13.967	13.232	16.730	56.780	262.26	142.86	98.58	26.530	18.918	18.619	42.481	14.171	TOTAL
MEAN	0.451	0.472	0.540	1.89	8.46	4.76	3.18	0.859	0.631	0.601	1.42	0.457	MEAN
MAX	0.566	0.538	0.764	7.15	19.4	9.03	13.4	1.48	0.846	1.27	6.74	0.558	MAX
MIN	0.294	0.405	0.470	0.498	2.82	2.64	1.57	0.686	0.567	0.483	0.560	0.337	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.99
MAXIMUM DAILY, 19.4 ON MAY 26
MINIMUM DAILY, 0.294B ON JAN 2
MAXIMUM INSTANTANEOUS,
24.1 AT 20:45 MST ON MAY 25

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 05 30 N
LONG 116 33 11 W
DRAINAGE AREA, 93.2 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 210	JUL	8 520
FEB	1 140	AUG	2 300
MAR	1 450	SEP	1 630
APR	4 910	OCT	1 610
MAY	22 700	NOV	3 670
JUN	12 300	DEC	1 220

TOTAL DISCHARGE, 62 700 dam³

CADDEN CREEK ABOVE DIVERSIONS - STATION NO. 08NJ164

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.076	0.182	0.171	0.090	0.084	0.062	---	---	---	1
2	---	---	---	0.072	0.180	0.160	0.086	0.078	0.062	---	---	---	2
3	---	---	---	0.076	0.182	0.167	0.084	0.077	0.062	---	---	---	3
4	---	---	---	0.074	0.178	0.180	0.078	0.073	0.064	---	---	---	4
5	---	---	---	0.074	0.188	0.153	[illegible]	0.073	0.065	---	---	---	5
6	---	---	---	0.072	0.180	0.138	0.086	0.070	0.062	---	---	---	6
7	---	---	---	0.080	0.178	0.135	0.082	0.070	0.060	---	---	---	7
8	---	---	---	0.088	0.170	0.128	0.078	0.068	0.058	---	---	---	8
9	---	---	---	0.086	0.173	0.128	0.077	0.080	0.063	---	---	---	9
10	---	---	---	0.090	0.178	0.124	0.073	0.066	0.065	---	---	---	10
11	---	---	---	0.083	0.180	0.120	0.093	0.076	0.068	---	---	---	11
12	---	---	---	0.077	0.178	0.114	0.101	0.082	0.065	---	---	---	12
13	---	---	---	0.078	0.171	0.110	0.118	0.077	0.062	---	---	---	13
14	---	---	---	0.083	0.173	0.114	0.118	0.073	0.060	---	---	---	14
15	---	---	---	0.087	0.176	0.124	0.118	0.080	0.058	---	---	---	15
16	---	---	---	0.106	0.173	0.122	0.106	0.085	0.057	---	---	---	16
17	---	---	---	0.120	0.178	0.120	0.101	0.085	0.056	---	---	---	17
18	---	---	---	0.147	0.173	0.106	0.098	0.084	0.056	---	---	---	18
19	---	---	---	0.171	0.171	0.103	0.093	0.062	0.055	---	---	---	19
20	---	---	---	0.188	0.171	0.101	0.093	0.062	0.054	---	---	---	20
21	---	---	---	0.203	0.173	0.098	0.085	0.060	0.054	---	---	---	21
22	---	---	---	0.206	0.176	0.093	0.091	0.060	0.054	---	---	---	22
23	---	---	---	0.215	0.180	0.091	0.088	0.060	0.052	---	---	---	23
24	---	---	---	0.216	0.185	0.093	0.086	0.059	0.052	---	---	---	24
25	---	---	---	0.236	0.188	0.091	0.083	0.063	0.049	---	---	---	25
26	---	---	---	0.201	0.186	0.095	0.082	0.063	0.048	---	---	---	26
27	---	---	---	0.181	0.182	0.094	0.089	0.054	0.049	---	---	---	27
28	---	---	---	0.180	0.186	0.092	0.088	0.064	0.049	---	---	---	28
29	---		0.070	0.157	0.182	0.094	0.093	0.062	0.050	---	---	---	29
30	---		0.073E	0.171	0.180	0.093	0.090	0.060	0.046	---	---	---	30
31	---		0.078E		0.176		0.090	0.080		---		---	31
TOTAL	---	---	---	3.978	5.530	3.517	2.854	2.090	1.723	---	---	---	TOTAL
MEAN	---	---	---	0.133	0.178	0.117	0.092	0.068	0.057	---	---	---	MEAN
MAX	---	---	---	0.236	0.188	0.171	0.118	0.084	0.068	---	---	---	MAX
MIN	---	---	---	0.072	0.171	0.082	0.072	0.053	0.046	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 0.236 ON APR 25

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - MANUAL
LOCATION - LAT 50 00 42 N
LONG 117 20 04 W

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	247
FEB	---	AUG	181
MAR	---	SEP	149
APR	344	OCT	---
MAY	478	NOV	---
JUN	304	DEC	---

CAMP CREEK AT MOUTH NEAR THIRSK - STATION NO. 08NM134

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.058	0.050	0.055	0.110	0.741	0.744	0.180	0.128	0.077	0.070	0.085	0.047B	1
2	0.058	0.049	0.056	0.106	0.723	0.633	0.219	0.115	0.088	0.070	0.087	0.043B	2
3	0.057	0.047B	0.057	0.105	0.703	0.526	0.188	0.110	0.083	0.070	0.078	0.041B	3
4	0.056	0.047B	0.058	0.111	0.681	0.470	0.174	0.103	0.076	0.068	0.080	0.041B	4
5	0.056	0.047B	0.056	0.125	0.713	0.425	0.166	0.101	0.078	0.065	0.073	0.041B	5
6	0.049	0.047B	0.056	0.145	0.739	0.387	0.163	0.086	0.072	0.067	0.078	0.043B	6
7	0.055	0.049	0.060	0.165	0.743	0.357	0.160	0.082	0.072	0.068	0.075	0.043B	7
8	0.056	0.047	0.063	0.165	0.706	0.323	0.176	0.088	0.069	0.066	0.073	0.047B	8
9	0.053	0.046	0.074	0.165	0.664	0.298	0.179	0.102	0.068	0.071	0.078	0.051B	9
10	0.055	0.045	0.089	0.147	0.631	0.265	0.156	0.114	0.098	0.065	0.083	0.060B	10
11	0.056	0.045	0.084	0.139	0.592	0.259	0.157	0.128	0.107	0.060	0.079	0.062E	11
12	0.056	0.050	0.083	0.122	0.584	0.245	0.171	0.107	0.087	0.061	0.063	0.064E	12
13	0.055	0.050	0.088	0.131	0.603	0.227	0.165	0.099	0.083	0.062	0.074	0.062E	13
14	0.053	0.048	0.085	0.139	0.650	0.214	0.163	0.084	0.081	0.065	0.079	0.065E	14
15	0.052	0.048	0.083	0.160	0.763	0.231	0.159	0.088	0.077	0.065	0.078	0.067E	15
16	0.055	0.050	0.081	0.305	0.770	0.255	0.168	0.084	0.080	0.063	0.085	0.065A	16
17	0.054	0.052	0.084	0.351	0.665	0.270	0.174	0.079	0.088	0.058	0.088	0.072	17
18	0.054	0.053	0.082	0.319	0.736	0.241	0.149	0.085	0.081	0.059	0.082	0.075	18
19	0.054	0.048	0.082	0.375	0.718	0.221	0.141	0.073	0.080	0.068	0.079	0.075	19
20	0.053	0.046	0.081	0.305	0.781	0.215	0.163	0.073	0.078	0.074	0.083	0.071	20
21	0.052	0.111	0.083	0.474	1.05	0.223	0.145	0.071	0.076	0.067	0.076	0.068	21
22	0.051	0.048	0.085	0.484	1.15	0.207	0.139	0.072	0.075	0.074	0.076	0.067	22
23	0.051	0.053	0.083	0.579	1.28	0.213	0.133	0.068	0.077	0.068	0.076A	0.057	23
24	0.051	0.061	0.084	0.687	1.51	0.229	0.161	0.065	0.074	0.067	0.074E	0.054	24
25	0.050	0.063	0.096	0.852	1.44	0.206	0.168	0.067	0.072	0.071	0.071B	0.057	25
26	0.052	0.058	0.100	0.829	1.24	0.193	0.163	0.065	0.071	0.067	0.060E	0.083	26
27	0.052	0.057	0.107	0.802	1.17	0.179	0.154	0.088	0.070	0.068	0.066E	0.087	27
28	0.052	0.058	0.102	0.585	1.13	0.174	0.152	0.070	0.068	0.065	0.062E	0.118	28
29	0.050		0.103	0.565	1.05	0.181	0.139	0.076	0.070	0.067	0.058E	0.117	29
30	0.050		0.108	0.705	0.859	0.172	0.120	0.086	0.071	0.068	0.055B	0.111	30
31	0.048		0.110		0.818		0.126	0.087		0.068		0.106	31
TOTAL	1.657	1.477	2.561	9.596	25.684	8.896	5.045	2.720	2.362	2.081	2.280	2.088	TOTAL
MEAN	0.053	0.053	0.083	0.320	0.828	0.297	0.163	0.088	0.079	0.067	0.076	0.067	MEAN
MAX	0.058	0.111	0.110	0.705	1.51	0.744	0.219	0.128	0.107	0.074	0.088	0.118	MAX
MIN	0.048	0.045	0.055	0.105	0.584	0.172	0.120	0.065	0.068	0.058	0.055	0.041	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.188
MAXIMUM DAILY, 1.51 ON MAY 24
MINIMUM DAILY, 0.041B ON DEC 3
MAXIMUM INSTANTANEOUS,
2.01 AT 21:40 PST ON MAY 24

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 42 40 N
LONG 120 00 30 W
DRAINAGE AREA, 33.8 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	143	JUL	436
FEB	128	AUG	235
MAR	221	SEP	204
APR	829	OCT	180
MAY	2 220	NOV	197
JUN	769	DEC	180

TOTAL DISCHARGE, 5 940 dam³

CAMP RUN CREEK NEAR CANYON - STATION NO. 08NH005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.016E	0.016E	0.023E	0.017E	---	---	---	---	---	---	---	---	1
2	0.014E	0.016E	0.023E	0.017E	---	---	---	---	---	---	---	---	2
3	0.014E	0.015E	0.024	0.017	---	---	---	---	---	---	---	---	3
4	0.014E	0.013	0.024E	0.017E	---	---	---	---	---	---	---	---	4
5	0.014	0.013E	0.024E	0.017	---	---	---	---	---	---	---	---	5
6	0.021E	0.013E	0.024E	0.018E	---	---	---	---	---	---	---	---	6
7	0.028E	0.013E	0.024E	0.020	---	---	---	---	---	---	---	---	7
8	0.035	0.013E	0.024E	0.020E	---	---	---	---	---	---	---	---	8
9	0.032E	0.014E	0.025	0.020	---	---	---	---	---	---	---	---	9
10	0.028E	0.015E	0.030	0.020E	---	---	---	---	---	---	---	---	10
11	0.028E	0.015	0.030E	0.020	---	---	---	---	---	---	---	---	11
12	0.023E	0.015E	0.030	0.020E	---	---	---	---	---	---	---	---	12
13	0.020	0.015E	0.029E	0.021	---	---	---	---	---	---	---	---	13
14	0.018E	0.015	0.031E	0.018	---	---	---	---	---	---	---	---	14
15	0.018E	0.015E	0.027E	0.018E	---	---	---	---	---	---	---	---	15
16	0.017E	0.015E	0.024	0.020	---	---	---	---	---	---	---	---	16
17	0.017E	0.015	0.022E	0.021E	---	---	---	---	---	---	---	---	17
18	0.017E	0.015E	0.021E	0.022E	---	---	---	---	---	---	---	---	18
19	0.017E	0.016E	0.020E	0.024	---	---	---	---	---	---	---	---	19
20	0.017	0.016E	0.018	0.025E	---	---	---	---	---	---	---	---	20
21	0.017E	0.017E	0.018E	0.026	---	---	---	---	---	---	---	---	21
22	0.017E	0.017E	0.017E	0.028E	---	---	---	---	---	---	---	---	22
23	0.017E	0.013	0.017	0.032E	---	---	---	---	---	---	---	---	23
24	0.017E	0.018E	0.017E	0.035	---	---	---	---	---	---	---	---	24
25	0.017E	0.021E	0.017E	---	---	---	---	---	---	---	---	---	25
26	0.017E	0.023E	0.017E	---	---	---	---	---	---	---	---	---	26
27	0.017	0.024E	0.017	---	---	---	---	---	---	---	---	---	27
28	0.017E	0.024E	0.017E	---	---	---	---	---	---	---	---	---	28
29	0.016E		0.017E	---	---	---	---	---	---	---	---	---	29
30	0.016E		0.017E	---	---	---	---	---	---	---	---	---	30
31	0.016E		0.017		---		---	---		---		---	31
TOTAL	0.592	0.455	0.718	---	---	---	---	---	---	---	---	---	TOTAL
MEAN	0.019	0.016	0.023	---	---	---	---	---	---	---	---	---	MEAN
MAX	0.035	0.024	0.030	---	---	---	---	---	---	---	---	---	MAX
MIN	0.014	0.013	0.017	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 04 46 N
LONG 116 28 30 W
DRAINAGE AREA, 5.44 km²

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	51.1	JUL	---
FEB	39.3	AUG	---
MAR	62.0	SEP	---
APR	---	OCT	---
MAY	---	NOV	---
JUN	---	DEC	---

CANOE RIVER BELOW KIMMEL CREEK - STATION NO. 08NC004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.29B	2.11B	2.08B	1.81B	7.44	44.8	32.0	53.5	39.5	4.48	12.9	3.20B	1
2	2.28B	2.10B	2.03B	1.82B	8.30	35.6	30.5	52.3	37.6	4.29	10.2	3.19B	2
3	2.29B	2.09B	2.01B	1.83B	8.63	32.4	33.7	45.7	42.3	5.06	10.4	3.16B	3
4	2.28B	2.08B	2.00B	1.87B	9.39	26.3	34.7	37.1	33.2	7.21	10.7	3.13B	4
5	2.25B	2.07B	1.99B	1.88B	10.5	24.1	32.4	41.5	20.0	4.90	8.88	3.11B	5
6	2.25B	2.06B	1.99B	1.90B	10.9	28.1	32.5	41.3	16.6	4.30	7.79	3.10B	6
7	2.27B	2.05B	1.98B	1.93B	11.5	31.9	34.0	38.1	14.0	3.88	6.62	3.07B	7
8	2.25B	2.05B	1.97B	1.96B	9.88	27.1	28.1	42.7	11.2	3.55	5.81	3.04B	8
9	2.22B	2.05B	1.95B	1.99B	8.36	31.2	25.9	61.8	11.4	3.41	5.42	3.03B	9
10	2.23B	2.06B	1.96B	2.03B	7.55	34.9	25.8	63.2	9.78	3.24	5.19	3.02B	10
11	2.22B	2.07B	1.97B	2.06B	7.58	24.8	48.0	52.2	9.41	3.16	5.11	3.00B	11
12	2.21B	2.09B	1.98B	2.13B	8.34	20.7	67.1	43.2	8.86	3.25	5.23	2.99B	12
13	2.20B	2.08B	1.98B	2.20B	9.56	22.1	55.0	45.9	8.66	3.47	4.88	2.98B	13
14	2.19B	2.07B	1.97B	2.28B	10.8	25.1	44.8	53.3	12.0	3.48	4.52	2.97B	14
15	2.17B	2.08B	1.96B	2.52B	11.0	28.6	29.3	41.9	10.3	3.23	4.57	2.96B	15
16	2.16B	2.08B	1.95B	2.76	11.5	30.4	27.1	38.2	10.9	2.95	4.80	2.92B	16
17	2.15B	2.09B	1.91B	2.98	11.4	40.5	27.9	35.0	8.30	2.85	4.86	2.91B	17
18	2.16B	2.10B	1.90B	4.11	10.6	33.1	30.2	28.5	6.88	2.77	4.61	2.90B	18
19	2.17B	2.10B	1.90B	4.97	10.6	25.8	35.4	25.4	5.77	2.78	4.13	2.90B	19
20	2.16B	2.11B	1.88B	5.40	13.6	21.0	30.6	23.2	5.56	2.95	3.76B	2.90B	20
21	2.15B	2.11B	1.87B	5.81	14.0	18.7	39.0	21.4	5.77	3.10	3.67B	2.90B	21
22	2.14B	2.11B	1.86B	6.21	14.2	21.4	35.1	23.7	6.63	7.05	3.60B	2.89B	22
23	2.13B	2.12B	1.85B	5.99	16.5	25.8	36.7	26.7	6.21	4.37	3.55B	2.87B	23
24	2.14B	2.12B	1.85B	6.60	19.1	25.1	30.5	27.4	6.98	3.25	3.46B	2.88B	24
25	2.15B	2.11B	1.83B	6.32	21.1	22.6	30.1	26.9	13.5	3.35	3.42B	2.86B	25
26	2.15B	2.10B	1.82B	7.26	20.1	20.7	41.5	28.1	12.7	22.3	3.37B	2.85B	26
27	2.16B	2.10B	1.81B	6.65	16.8	24.7	30.3	27.7	8.80	21.5	3.35B	2.84B	27
28	2.17B	2.09B	1.80B	7.06	26.5	29.6	32.0	26.1	5.88	9.57	3.32B	2.83B	28
29	2.16B		1.79B	7.75	37.3	34.3	30.9	30.9	4.81	7.85	3.27B	2.82B	29
30	2.16B		1.80B	6.01	49.4	36.9	35.5	28.8	4.67	16.5	3.22B	2.81B	30
31	2.13B		1.80B		49.4		48.2	36.4		23.1		2.80B	31
TOTAL	68.06	58.45	59.44	121.22	484.03	851.3	1 120.6	1 170.2	403.44	197.10	164.45	91.79	TOTAL
MEAN	2.20	2.09	1.92	4.04	15.6	28.4	36.1	37.7	13.4	6.36	5.48	2.96	MEAN
MAX	2.29	2.12	2.08	8.32	49.4	44.8	67.1	63.2	42.3	23.1	12.9	3.20	MAX
MIN	2.13	2.05	1.79	1.81	7.44	18.7	25.8	21.4	4.67	2.77	3.22	2.80	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 13.1
MAXIMUM DAILY, 67.1 ON JUL 12
MINIMUM DAILY, 1.79B ON MAR 29
MAXIMUM INSTANTANEOUS,
80.5 AT 02:10 PST ON JUL 12

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 43 41 N
LONG 119 24 30 W
DRAINAGE AREA, 288 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	5 880	JUL	96 800
FEB	5 050	AUG	101 000
MAR	5 140	SEP	34 900
APR	10 500	OCT	17 000
MAY	41 800	NOV	14 200
JUN	73 500	DEC	7 930

TOTAL DISCHARGE, 414 000 dam³

CANYON CREEK NEAR SMITHERS - STATION NO. 08EE014

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.121B	0.106B	0.132B	0.374	4.36	6.98	4.42	1.48 E	0.538	0.887	0.763	0.221B	1
2	0.120B	0.104B	0.133	0.439	4.42	13.1	4.46	1.55	0.536E	0.878	0.840	0.217B	2
3	0.120B	0.102B	0.144	0.476	3.82	9.20	4.04	1.50	0.538	0.886	0.906	0.207B	3
4	0.120B	0.100B	0.136	0.533	3.47	6.52	3.77	1.64	0.488	0.821	1.02	0.203B	4
5	0.120B	0.098B	0.149	0.653	3.62	6.39	3.26	1.42	0.500	0.821	0.878	0.199B	5
6	0.119B	0.096B	0.160	0.830	3.32	5.16	2.49	1.34	0.627	0.783	0.840	0.187B	6
7	0.118B	0.095B	0.148	0.961	4.42	4.73	11.1	1.23	0.615	0.710	0.811	0.186B	7
8	0.118B	0.095B	0.138	0.717	6.20	4.22	9.73E	1.13	0.585	0.717	0.783	0.187B	8
9	0.117B	0.094B	0.136	0.665	6.48	5.19	8.32	0.991	0.627	0.717	0.745	0.183B	9
10	0.117B	0.094B	0.145E	0.608	6.61	5.49	7.46	1.04	0.640	0.881	0.723	0.180B	10
11	0.117B	0.094B	0.148	0.538	5.19	6.64	7.11	0.991	0.802	0.879	0.658	0.176B	11
12	0.120B	0.093B	0.138	0.514	4.88	5.43	6.94	0.888	0.808	0.865	0.661	0.174B	12
13	0.140B	0.093B	0.152	0.510	5.03	4.73	6.16	0.802	0.888	0.872	0.704	0.171B	13
14	0.170B	0.093B	0.177	0.564	7.19	4.13	6.31	0.802	1.07	0.853	0.647	0.169B	14
15	0.180B	0.093B	0.208	0.672	7.67	4.49	5.63	0.878	1.03	0.834	0.614	0.167B	15
16	0.179B	0.094B	0.213	0.840	6.49	4.07	6.33	1.02	1.19	0.570	0.600E	0.166B	16
17	0.177B	0.094B	0.216	1.04	6.07	3.83	4.29	1.06	1.15	0.640	0.665	0.163B	17
18	0.174B	0.093B	0.218	1.27	6.23	4.36	3.58E	0.944	1.11	0.621	0.717	0.160B	18
19	0.167B	0.093B	0.218E	1.38	6.20	3.89	2.87	0.878	1.05	0.634	0.698	0.156B	19
20	0.160B	0.093B	0.218	1.52	7.48	3.74	2.45	0.783	1.10 E	0.806	0.614	0.157B	20
21	0.152B	0.093B	0.219	1.80	6.07	3.77	2.50	0.755	1.11	0.665	0.381	0.156B	21
22	0.146B	0.094B	0.205	1.50	6.11	3.35	2.67	0.686	1.07	0.748E	0.336B	0.154B	22
23	0.141B	0.098B	0.189	1.48	6.40	3.08	2.37	0.653	1.02	0.830	0.311B	0.152B	23
24	0.138B	0.100B	0.185	1.83	6.11	2.84	2.17	0.588	0.977E	0.764	0.292B	0.151B	24
25	0.132B	0.110B	0.172	2.82	6.46	4.04	2.32E	0.584	0.834	0.816E	0.280B	0.150B	25
26	0.128B	0.120B	0.181	2.80	6.06	5.44	2.47	0.541E	1.01	0.871E	0.268B	0.150B	26
27	0.123B	0.120B	0.206	2.98 E	5.90	6.52	2.23	0.519	1.04	0.925	0.253B	0.149B	27
28	0.120B	0.120B	0.222	3.15	5.80	6.33	1.80	0.505	1.02	0.840	0.244B	0.148B	28
29	0.116B		0.236	3.82	8.47	5.19	1.88	0.745	0.853	0.783	0.233B	0.147B	29
30	0.113B		0.301	4.07	13.3	5.13	1.71	0.672	0.816	0.859	0.227B	0.146B	30
31	0.110B		0.410		6.67		1.42	0.627		0.811		0.145B	31
TOTAL	4.205	2.812	5.844	40.903	201.43	156.58	134.56	28.804	26.561	23.262	17.645	5.304	TOTAL
MEAN	0.135	0.100	0.189	1.36	6.50	5.22	4.34	0.929	0.883	0.750	0.588	0.171	MEAN
MAX	0.180	0.130	0.410	4.07	13.3	13.1	11.1	1.66	1.19	0.925	1.02	0.221	MAX
MIN	0.110	0.093	0.132	0.374	3.32	2.84	1.42	0.505	0.488	0.570	0.227	0.145	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.77
MAXIMUM DAILY, 13.3 ON MAY 30
MINIMUM DAILY, 0.093B ON FEB 12

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - MANUAL
LOCATION - LAT 54 48 26 N
LONG 127 07 49 W
DRAINAGE AREA, 259 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1973

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	363	JUL	11 600
FEB	243	AUG	2 480
MAR	505	SEP	2 210
APR	3 530	OCT	2 010
MAY	17 400	NOV	1 520
JUN	13 500	DEC	457

TOTAL DISCHARGE, 55 500 dam³

CAPILANO RIVER ABOVE INTAKE - STATION NO. 08GA010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	8.20	10.7	14.0	28.3	25.8	28.8	23.0	10.4	53.3	2.08	33.0	5.83	1
2	10.0	9.59	11.8	27.0	18.3	24.3	33.7	9.35	40.2	2.02	129	5.09	2
3	13.8	8.45	10.7	17.3	15.4	21.0	19.7	9.38	14.5	2.10	107	4.87	3
4	23.5	7.84	10.3	13.5	14.7	17.5	15.7	7.84	9.70	2.35	48.4	4.09	4
5	23.1	7.25	9.83	11.4	15.4	15.6	15.1	6.98	7.34	2.14	27.8	3.77	5
6	14.5	8.89	12.6	12.0	13.6	18.2	13.0	6.74	6.26	2.02	43.7	3.48	6
7	84.3	10.2	25.4	12.3	58.9	24.6	11.1	6.77	7.45	1.98	40.3	3.03	7
8	86.4	8.23	113	11.0	33.3	30.3	10.0	6.63	5.82	1.91	31.8	7.71	8
9	43.9	21.5	197	9.86	19.6	38.4	9.47	6.30	4.70	1.86	19.7	7.26	9
10	86.4	40.4	77.2	9.91	14.7	65.0	9.12	5.84	17.1	1.80	31.9	6.26	10
11	57.4	190	41.1	8.81	15.9	24.4	128	5.32	15.4	1.80	76.7	7.46	11
12	53.2	236	25.8	7.82	20.1	17.3	100	4.72	9.26	1.76	95.9	8.56	12
13	33.8	131	21.1	7.55	24.4	14.4	80.8	4.48	6.89	1.74	70.9	10.6	13
14	18.4	40.6	85.2	7.41	26.1	16.1	46.8	4.46	5.36	1.72	76.0	10.9	14
15	14.3	49.6	38.7	8.02	19.1	26.1	29.8	4.03	4.82	1.69	393	7.39	15
16	12.2	52.0	17.4	9.78	16.8	20.8	19.9	3.87	4.04	1.69	234	5.43	16
17	17.4	88.3	13.0	12.0	15.4	51.6	16.4	3.49	3.61	2.62	167	4.46	17
18	62.2	59.9	11.1	15.0	16.5	62.1	17.2	3.33	3.34	2.31	89.9	3.83	18
19	55.1	38.1	9.86	19.2	19.3	36.4	15.8	3.13	3.06	3.86	33.1	3.17	19
20	29.8	78.4	9.24	22.6	25.8	17.9	13.8	3.01	2.83	21.7	23.6	2.308	20
21	18.6	29.8	8.47	22.7	29.3	14.7	12.7	2.91	2.66	48.4	14.2	2.198	21
22	13.7	42.1	9.48	18.3	30.5	16.9	11.9	2.80	2.56	81.5	11.8	2.098	22
23	12.5	102	13.6	17.2	38.8	42.6	11.8	2.74	2.53	20.6	10.6	2.028	23
24	24.9	86.0	12.2	38.4	41.9	28.5	11.2	2.85	2.46	12.1	25.3	2.008	24
25	33.2	43.3	10.1	30.9	38.4	26.6	9.83	2.88	2.38	13.5	28.7	2.018	25
26	57.9	40.5	10.6	24.8	31.0	21.1	8.34	3.46	2.82	13.8	20.4	2.028	26
27	66.1	28.6	20.1	17.6	22.3	19.2	46.3	2.36	2.77	20.8	20.7	2.038	27
28	26.0	17.9	18.3	19.2	41.9	18.3	30.0	18.2	2.44	12.8	13.0	2.048	28
29	18.3		49.1	24.2	52.6	16.6	16.8	28.9	2.28	8.87	9.22	2.308	29
30	18.8		44.2	27.7	44.7	16.4	12.8	9.83	2.16	58.8	7.31	15.8	30
31	12.6		38.0		34.2		11.6	8.07		44.4		23.9	31
TOTAL	1 019.40	1 579.25	987.65	503.94	848.7	747.7	824.46	198.81	281.31	406.85	1 924.83	189.14	TOTAL
MEAN	32.9	56.4	31.2	16.6	27.4	24.9	26.6	6.32	9.39	13.1	64.2	6.81	MEAN
MAX	86.4	236	197	35.4	58.9	65.0	128	28.8	53.3	81.5	393	23.6	MAX
MIN	8.20	7.25	8.47	7.41	14.7	14.4	9.12	2.36	2.16	1.69	7.31	2.00	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 25.9
MAXIMUM DAILY, 393 ON NOV 15
MINIMUM DAILY, 1.69 ON OCT 15
MAXIMUM INSTANTANEOUS,
944 AT 16:30 PST ON NOV 15

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 23 45 N
LONG 123 06 40 W
DRAINAGE AREA, 172 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	88 100	JUL	71 200
FEB	136 000	AUG	16 900
MAR	83 600	SEP	21 700
APR	43 500	OCT	35 200
MAY	73 400	NOV	166 000
JUN	64 500	DEC	15 900

TOTAL DISCHARGE, 816 000 dam³

CARIBOO RIVER BELOW KANGAROO CREEK - STATION NO. 08KH003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	20.78	18.1	24.1	23.1	181	301	178	148	71.1	49.2	102	34.3	1
2	20.68	17.8	23.0	23.6	182	286	177	146	76.6	47.3	114	30.8	2
3	20.88	17.8	22.3	23.6	184	282	177	146	85.8	46.3	120	31.3	3
4	21.08	17.2	21.6	23.8	185	281	178	143	97.6	47.2	118	32.3	4
5	21.38	16.7	20.4	24.0	187	278	173	135	107	46.3	110	32.4	5
6	20.78	17.1	19.8	25.8	110	222	168	127	106	46.2	102	31.8	6
7	20.38	17.1	19.8	27.8	115	217	164	120	104	47.6	94.6	31.2	7
8	20.28	17.8	19.8	28.4	120	218	158	114	99.2	46.3	86.3	30.0	8
9	20.08	17.4	20.9	28.3	118	218	150	109	92.8	45.2	83.0	29.3	9
10	20.18	18.8	23.3	28.2	112	233	143	107	86.3	44.4	78.9	29.08	10
11	19.98	18.4	24.6	27.6	108	228	142	108	81.1	43.0	74.8	28.88	11
12	19.88	18.6	24.8	27.2	101	231	140	111	76.5	42.1	71.2	27.48	12
13	19.98	17.1	25.1	26.5	98.9	218	233	110	71.8	40.7	68.6	26.08	13
14	20.08	17.3	25.2	26.3	98.7	206	291	108	68.7	39.8	66.1	24.88	14
15	19.78	17.1	25.9	26.6	102	197	311	106	67.5	38.8	64.1	24.08	15
16	19.88	17.3	26.6	27.8	108	200	299	108	67.8	38.0	86.6	23.28	16
17	20.08	17.6	25.8	28.4	113	228	276	105	68.6	37.3	85.8	22.58	17
18	19.28	17.3	25.2	33.2	122	270	246	102	68.4	37.0	83.6	22.08	18
19	18.88	17.8	24.6	38.3	123	280	228	98.6	68.3	36.6	81.6	21.68	19
20	18.48	17.4	24.6	47.0	127	281	213	91.7	64.2	38.7	68.3	20.88	20
21	18.08	17.4	24.0	58.2	138	288	218	86.8	61.8	38.3	64.6	20.28	21
22	17.88	17.4	23.1	72.7	148	247	214	82.3	58.8	39.7	61.1	19.88	22
23	17.58	16.1	22.7	78.2	159	228	206	77.4	58.1	42.6	48.1	19.38	23
24	17.48	20.7	22.6	81.0	168	218	192	74.6	57.0	42.8	47.4	19.08	24
25	16.88	25.3	22.4	87.7	183	214	183	71.8	56.7	42.1	46.3	18.78	25
26	16.88	25.8	21.8	93.2	188	203	180	70.5	56.7	80.7	44.8	18.08	26
27	19.0	25.1	21.8	92.8	202	188	187	88.4	54.0	89.3	44.0	18.38	27
28	18.6	24.8	22.0	93.0	200	176	180	89.2	53.8	78.9	42.8	18.88	28
29	18.7		22.8	95.4	231	168	174	88.2	52.8	76.4	40.7	18.78	29
30	18.8		23.0	98.7	262	177	184	78.0	50.8	76.8	38.7	18.88	30
31	18.2		23.3		288		184	78.3		88.4		20.08	31
TOTAL	592.8	510.5	717.0	1 420.3	4 378.6	6 911	6 139	3 188.4	2 187.4	1 906.2	2 135.3	787.6	TOTAL
MEAN	19.4	18.8	23.1	47.3	141	230	198	102	72.9	48.8	70.8	24.8	MEAN
MAX	21.2	25.8	25.9	98.7	288	301	311	148	108	88.4	120	34.3	MAX
MIN	17.4	16.4	19.8	23.1	98.8	168	142	88.2	50.8	36.3	38.7	18.7	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 83.4
MAXIMUM DAILY, 311 ON JUL 15
MINIMUM DAILY, 16.4 ON FEB 11
MAXIMUM INSTANTANEOUS,
313 AT 18:15 PST ON JUL 15

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 40 00 N
LONG 121 09 17 W
DRAINAGE AREA, 3 350 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	53 100	JUL	530 000
FEB	44 900	AUG	273 000
MAR	61 900	SEP	188 000
APR	123 000	OCT	130 000
MAY	378 000	NOV	184 000
JUN	597 000	DEC	66 300

TOTAL DISCHARGE, 2 930 000 dam³

CARNATION CREEK AT 150 m CONTOUR - STATION NO. 08HB049

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.078	0.072	0.082	0.504	0.033	0.024	0.058	0.025	0.020	0.018	0.234	0.127	1
2	0.642	0.080	0.048	0.830	0.033	0.024	0.076	0.026	0.023	0.018	1.26	0.118	2
3	0.773	0.063	0.039	0.376	0.032	0.023	0.042	0.027	0.023	0.020	1.38	0.108	3
4	0.583	0.046	0.033	0.156	0.033	0.023	0.036	0.025	0.023	0.022	0.856	0.104	4
5	0.498	0.041	0.031	0.109	0.030	0.023	0.033	0.024	0.021	0.019	0.418	0.100	5
6	0.293	0.104	0.031	0.087	0.031	0.023	0.032	0.023	0.053	0.018	0.584	0.091	6
7	3.10	0.182	0.070	0.070	0.271	0.022	0.034	0.021	0.033	0.017	0.545	0.086	7
8	1.09	0.088	1.82	0.061	0.345	0.021	0.030	0.021	0.042	0.018	0.202	1.24	8
9	2.67	0.896	2.51	0.056	0.185	0.070	0.029	0.021	0.029	0.018	0.381	0.339	9
10	3.79	1.39	1.09	0.059	0.094	0.368	0.029	0.021	0.091	0.018	0.639	0.186	10
11	1.66	8.63	0.534	0.055	0.067	0.256	3.07	0.020	0.103	0.018	1.84	0.243	11
12	0.621	1.78	0.406	0.048	0.048	0.146	0.846	0.020	0.049	0.015	1.56	0.873	12
13	0.426	1.34	0.783	0.043	0.039	0.082	0.831	0.019	0.032	0.014	0.760	0.820	13
14	0.173	0.911	1.81	0.039	0.123	0.056	0.552	0.018	0.029	0.014	1.49	0.298	14
15	0.108	0.418	0.418	0.038	0.132	0.102	0.204	0.018	0.027	0.015	4.77	0.182	15
16	0.083	0.822	0.151	0.035	0.088	0.078	0.122	0.018	0.028	0.015	2.26	0.148	16
17	0.250	2.08	0.085	0.033	0.063	0.148	0.084	0.018	0.026	0.023	1.62	0.128	17
18	2.37	0.850	0.076	0.033	0.074	0.138	0.064	0.017	0.037	0.020	0.877	0.117	18
19	0.643	1.37	0.062	0.032	0.064	0.158	0.047	0.018	0.028	0.032	0.276	0.108	19
20	0.336	1.18	0.054	0.032	0.043	0.093	0.042	0.017	0.025	0.124	0.264	0.095	20
21	0.137	0.252	0.048	0.032	0.038	0.088	0.037	0.016	0.023	0.714	0.193	0.087	21
22	0.098	0.426	0.044	0.031	0.034	0.084	0.033	0.016	0.022	0.587	0.216	0.083	22
23	0.087	1.85	0.066	0.029	0.032	0.057	0.031	0.015	0.021	0.168	0.188	0.082	23
24	0.590	0.856	0.053	0.051	0.031	0.048	0.030	0.015	0.021	0.095	0.437	0.082	24
25	1.14	0.243	0.043	0.061	0.030	0.084	0.029	0.015	0.020	0.188	0.418	0.087	25
26	1.55	0.426	0.057	0.087	0.028	0.119	0.028	0.015	0.021	0.584	0.880	0.087	26
27	0.478	0.318	0.174	0.060	0.028	0.073	0.035	0.015	0.028	0.483	0.497	0.090	27
28	0.217	0.106	0.493	0.042	0.028	0.062	0.033	0.036	0.023	0.142	0.227	0.081	28
29	0.128		0.781	0.036	0.025	0.046	0.029	0.029	0.021	0.087	0.170	0.080	29
30	0.112		1.12	0.035	0.025	0.038	0.027	0.024	0.020	0.439	0.148	0.801	30
31	0.092		0.805		0.024		0.026	0.020		0.188		0.809	31
TOTAL	25.226	24.805	13.469	3.187	2.099	2.595	8.589	0.835	0.870	4.129	28.442	7.480	TOTAL
MEAN	0.814	0.879	0.434	0.106	0.068	0.087	0.213	0.020	0.032	0.133	0.848	0.241	MEAN
MAX	3.79	8.63	2.51	0.830	0.345	0.368	3.07	0.036	0.103	0.714	4.77	1.24	MAX
MIN	0.078	0.041	0.031	0.029	0.024	0.021	0.026	0.015	0.020	0.014	0.148	0.080	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.319
MAXIMUM DAILY, 8.63 ON FEB 11
MINIMUM DAILY, 0.014 ON OCT 13
MAXIMUM INSTANTANEOUS,
10.7 AT 10:43 PST ON FEB 11

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 55 46 N
LONG 124 58 28 W
DRAINAGE AREA, 2.53 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	2 180	JUL	570
FEB	2 130	AUG	64.9
MAR	1 160	SEP	83.8
APR	274	OCT	367
MAY	181	NOV	2 200
JUN	224	DEC	646

TOTAL DISCHARGE, 10 100 dam³

CARNATION CREEK AT THE MOUTH - STATION NO. 08HB048

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.287	0.295	0.389	1.63	0.089	0.041	0.111	0.071	0.042	0.035	0.721	0.270	1
2	2.26	0.250	0.297	2.42	0.084	0.040	0.183	0.087	0.043	0.022	3.84	0.233	2
3	2.81	0.227	0.241	1.42	0.068	0.037	0.119	0.087	0.046	0.022	4.52	0.182	3
4	2.72	0.201	0.195	0.569	0.090	0.036	0.101	0.083	0.047	0.026	3.41	0.188	4
5	2.16	0.186	0.170	0.378	0.082	0.036	0.091	0.080	0.042	0.029	1.47	0.178	5
6	1.18	0.378	0.172	0.290	0.079	0.034	0.089	0.053	0.070	0.022	2.01	0.167	6
7	9.34	0.785	0.324	0.233	0.816	0.035	0.077	0.048	0.108	0.020	2.05	0.143	7
8	3.01	0.430	3.76	0.181	1.21	0.032	0.073	0.040	0.118	0.018	0.764	4.28	8
9	8.80	2.22	7.42	0.171	0.489	0.044	0.063	0.036	0.088	0.018	1.40	1.41	9
10	8.89	4.01	2.78	0.174	0.278	0.074	0.065	0.037	0.182	0.017	1.73	0.877	10
11	4.71	20.0	1.72	0.172	0.196	0.685	8.38	0.035	0.277	0.018	5.48	0.721	11
12	2.63	8.01	1.26	0.148	0.149	0.369	3.18	0.029	0.188	0.014	5.06	2.34	12
13	1.47	3.38	2.38	0.130	0.122	0.221	1.95	0.027	0.126	0.013	2.87	2.85	13
14	0.881	2.73	5.44	0.117	0.286	0.157	1.71	0.026	0.087	0.013	4.90	0.932	14
15	0.455	1.58	1.42	0.107	0.419	0.182	0.844	0.024	0.078	0.015	13.7	0.544	15
16	0.280	2.06	0.804	0.096	0.233	0.167	0.381	0.023	0.069	0.015	7.07	0.384	16
17	0.568	6.06	3.382	0.087	0.168	0.311	0.288	0.022	0.064	0.075	5.36	0.287	17
18	5.24	2.66	0.282	0.082	0.185	0.408	0.206	0.020	0.066	0.085	2.76	0.241	18
19	2.85	4.02	0.218	0.077	0.165	0.278	0.171	0.020	0.057	0.080	0.990	0.210	19
20	0.836	3.76	0.182	0.088	0.124	0.238	0.148	0.021	0.072	0.353	0.985	0.182	20
21	0.548	0.840	0.157	0.073	0.140	0.178	0.141	0.017	0.057	2.15	0.855	0.137	21
22	0.404	1.20	0.144	0.074	0.082	0.144	0.122	0.017	0.048	2.82	0.730	0.112	22
23	0.344	5.80	0.171	0.066	0.083	0.138	0.108	0.016	0.043	0.845	0.616	0.096	23
24	2.15	2.81	0.188	0.104	0.078	0.126	0.100	0.016	0.038	0.377	3.63	0.091	24
25	3.82	0.982	0.142	0.183	0.085	0.167	0.088	0.016	0.031	0.834	1.83	0.092	25
26	4.48	1.41	0.178	0.318	0.081	0.256	0.082	0.015	0.031	1.80	3.14	0.183	26
27	1.88	1.26	0.839	0.288	0.085	0.180	0.102	0.015	0.088	3.08	1.82	0.180	27
28	0.788	0.987	1.78	0.180	0.068	0.148	0.117	0.022	0.051	0.870	0.868	0.122	28
29	0.482		1.68	0.118	0.068	0.128	0.102	0.074	0.037	0.388	0.482	0.121	28
30	0.408		3.03	0.087	0.065	0.114	0.088	0.070	0.027	1.38	0.338	1.08	30
31	0.384		1.81		0.065		0.078	0.063		0.728		3.84	31
TOTAL	77.819	74.782	58.731	8.888	8.087	8.021	19.078	1.118	2.388	14.217	84.085	21.071	TOTAL
MEAN	2.60	2.67	1.26	0.329	0.180	0.301	0.815	0.036	0.078	0.488	2.80	0.880	MEAN
MAX	8.89	20.0	7.42	2.42	1.21	0.878	8.38	0.074	0.277	2.82	13.7	4.28	MAX
MIN	0.287	0.186	0.168	0.088	0.065	0.032	0.063	0.015	0.027	0.013	0.338	0.091	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.878
MAXIMUM DAILY, 20.0 ON FEB 11
MINIMUM DAILY, 0.013 ON OCT 13
MAXIMUM INSTANTANEOUS,
30.2 AT 10:07 PST ON FEB 11

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 54 56 N
LONG 124 58 52 W
DRAINAGE AREA, 10.1 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	6 700	JUL	1 850
FEB	6 480	AUG	86.7
MAR	3 430	SEP	708
APR	864	OCT	1 330
MAY	534	NOV	7 280
JUN	530	DEC	1 830

TOTAL DISCHARGE, 30 700 dam³

CARNEY CREEK BELOW PAMBRUN CREEK - STATION NO. 08NH131

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.530B	0.500B	0.482	0.453	2.34	20.5	12.8	9.28	5.55	1.28	1.88	0.792	1
2	0.510B	0.488B	0.488	0.468	2.49	20.4	11.9	10.4	7.38	1.25	1.45	0.732	2
3	0.520B	0.484B	0.479	0.476	2.51	20.5	11.1	9.90	5.88	1.20	1.82	0.735B	3
4	0.540B	0.482B	0.477	0.469	2.51	16.0	10.4	8.51	4.83	1.34	2.17	0.750	4
5	0.570B	0.480B	0.469	0.474	2.50	13.5	11.7	8.17	4.32	1.16	1.82	0.735B	5
6	0.565B	0.476B	0.481	0.491	2.83	13.0	14.8	8.80	3.46	1.12	1.69	0.716B	6
7	0.605B	0.480B	0.487	0.528	3.37	16.7	15.4	8.75	3.26	1.07	1.54	0.731	7
8	0.602	0.480B	0.486	0.524	3.38	18.4	13.6	9.17	2.88	1.02	1.44	0.713	8
9	0.580	0.480B	0.485	0.521	3.07	18.0	11.7	9.28	2.81	1.02	1.30	0.712	9
10	0.341	0.480B	0.527	0.518	2.91	16.0	10.1	9.18	2.35	0.977	1.28	0.701	10
11	1.43	0.530	0.546	0.518	3.02	12.8	12.8	11.4	2.30	0.928	1.28	0.695	11
12	0.832	0.535	0.530	0.494	3.28	10.4	34.5	13.4	2.21	0.900	1.23	0.701	12
13	0.562	0.534	0.504	0.515	3.78	9.59	33.2	8.88	2.18	0.914	1.22	0.695	13
14	0.608	0.539	0.505	0.528	4.00	10.9	26.3	8.10	2.42	0.958	1.17	0.674	14
15	0.565B	0.540	0.495	0.548	3.92	13.5	16.2	7.71	2.18	0.967	1.14	0.658	15
16	0.570B	0.541	0.488	0.588	4.00	12.8	12.1	7.14	2.09	0.908	1.13	0.682	16
17	0.570B	0.528	0.485	0.629	4.43	13.1	10.1	6.81	1.88	0.880	1.10	0.650B	17
18	0.565B	0.510	0.479	0.824	5.22	13.3	9.16	6.44	1.81	0.887	1.08	0.635B	18
19	0.550B	0.518	0.488	1.12	6.00	10.1	9.86	6.52	1.88	0.861	1.05	0.625B	19
20	0.540B	0.509	0.478	1.32	6.40	8.63	10.8	6.36	1.59	0.857	1.01	0.610B	20
21	0.530B	0.504	0.472	1.55	7.33	7.79	9.59	6.13	1.64	0.857	0.986	0.580B	21
22	0.530B	0.505	0.482	1.72	8.36	8.00	9.21	4.93	1.48	1.12	0.944	0.515B	22
23	0.540B	0.506	0.488	2.28	10.5	10.9	9.46	4.92	1.46	1.02	0.922	0.505B	23
24	0.535B	0.500	0.480	5.42	13.1	15.6	9.87	6.83	1.45	0.884	0.885	0.480B	24
25	0.530B	0.515	0.461	4.64	16.1	11.6	11.1	6.46	1.52	0.915	0.938	0.465B	25
26	0.525B	0.490	0.464	3.17	17.7	9.43	11.1	4.71	1.63	0.944	0.911	0.500B	26
27	0.545B	0.485	0.462	2.59	19.0	10.4	8.16	4.13	1.68	0.976	0.855	0.505B	27
28	0.555B	0.482	0.467	2.27	21.9	11.9	7.43	5.35	1.53	0.899	0.806	0.500B	28
29	0.530B		0.459	2.19	25.4	13.8	7.55	5.07	1.38	0.903	0.756	0.510B	29
30	0.530B		0.458	2.33	25.2	17.8	7.84	5.13	1.30	1.01	0.772	0.510B	30
31	0.520B		0.455		22.2		8.45	6.14		1.04		0.512B	31
TOTAL	17.873	14.105	14.943	40.168	256.61	405.24	398.00	227.95	77.62	31.706	36.195	19.505	TOTAL
MEAN	0.577	0.504	0.482	1.34	8.28	13.5	12.8	7.35	2.59	1.02	1.21	0.629	MEAN
MAX	1.43	0.541	0.546	5.42	25.4	20.5	34.5	13.4	7.38	1.04	2.17	0.792	MAX
MIN	0.341	0.476	0.455	0.453	2.34	7.79	7.43	4.13	1.30	0.857	0.756	0.465	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.22
MAXIMUM DAILY, 34.5 ON JUL 12
MINIMUM DAILY, 0.341 ON JAN 10
MAXIMUM INSTANTANEOUS,
36.2 AT 17:45 PST ON JUL 12

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 08 30 N
LONG 116 24 31 W
DRAINAGE AREA, 118 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 540	JUL	34 400
FEB	1 220	AUG	19 700
MAR	1 290	SEP	6 710
APR	3 470	OCT	2 740
MAY	22 200	NOV	3 130
JUN	35 000	DEC	1 690

TOTAL DISCHARGE, 133 000 dam³

CAVEN CREEK BELOW BLOOM CREEK - STATION NO. 08NG076

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.01B	0.765B	1.08	1.78	6.63	9.86	3.08	1.82	1.08	0.880	1.04	0.820B	1
2	0.970B	0.765B	1.15	1.85	6.76	9.34	2.99	1.73	1.08	0.876	1.09	0.810B	2
3	0.920B	0.761B	1.18	1.86	7.15	8.52	3.10	1.88	1.05	0.875	1.48	0.810B	3
4	0.900B	0.727B	1.22	1.84	7.36	8.03	2.93	1.82	1.05	0.860	3.43	0.810B	4
5	0.970B	0.718B	1.15	1.86	7.61	7.49	2.67	1.67	1.10	0.868	2.26	0.820B	5
6	0.960B	0.701B	1.12	1.95	7.96	6.88	2.56	1.49	1.04	0.858	2.06	0.820B	6
7	0.905B	0.714B	1.11	2.12	8.50	6.61	2.46	1.46	1.00	0.875	2.31	0.850B	7
8	1.17B	0.735B	1.11	2.19	8.53	6.40	2.50	1.50	0.977	0.850	1.86	0.890B	8
9	1.45B	0.716B	1.20	2.21	7.61	6.21	2.41	1.46	0.988	0.844	1.87	0.895B	9
10	1.23B	0.706B	1.09	2.17	7.23	5.84	2.24	1.40	1.03	0.822	1.80	0.905B	10
11	1.26B	0.710B	1.09	2.07	7.00	5.63	2.12	1.80	1.09	0.767	1.84	0.910B	11
12	1.21B	0.722B	1.06	2.02	6.92	5.19	2.13	1.69	1.04	0.791	1.84	0.910B	12
13	1.14B	0.876B	1.02	1.98	6.88	4.83	2.26	1.61	1.01	0.799	1.69	0.910B	13
14	1.02B	0.857B	1.06	1.98	7.06	4.42	3.09	1.42	1.00	0.803	1.59	0.900B	14
15	0.920B	0.819B	1.64	2.04	7.39	4.31	3.72	1.34	0.976	0.785	1.55	0.875B	15
16	0.817B	0.804B	1.61	2.13	7.92	4.20	3.52	1.26	0.950	0.746	1.54	0.850B	16
17	0.800B	0.912	1.77	2.34	8.75	3.93	3.59	1.20	0.936	0.823	1.82	0.830B	17
18	0.834B	1.08	1.88B	2.84	9.41	3.74	3.18	1.17	0.951	0.900	1.57	0.780B	18
19	0.830B	0.966	1.63B	3.56	8.93	3.56	2.89	1.16	0.953	0.877	1.46	0.720B	19
20	0.790B	0.913	1.88B	4.29	9.18	3.40	2.91	1.12	0.931	0.927	1.43	0.670B	20
21	0.761B	0.905	1.64	4.88	11.5	3.30	3.22	1.11	0.928	0.903	1.36	0.670B	21
22	0.787B	0.926	1.60	5.94	12.1	3.11	2.78	1.14	0.927	1.02	1.28	0.660B	22
23	0.761B	0.956	1.61	8.70	13.8	3.15	2.87	1.43	0.919	1.44	1.27	0.660B	23
24	0.735B	1.02	1.61	11.2	14.9	3.66	2.57	1.67	0.866	1.10	1.25	0.660B	24
25	0.650B	1.06	1.58	12.5	16.9	3.27	2.68	1.42	0.876	0.990	1.24	0.665B	25
26	0.735B	1.06	1.57	9.97	17.5	2.97	2.78	1.34	0.865	0.944	1.21	0.765B	26
27	0.804B	1.06	1.58	8.45	16.5	3.11	2.39	1.28	0.882	0.918	1.19	0.780B	27
28	0.864B	1.06	1.56	7.52	16.1	2.86	2.27	1.24	0.911	0.890	1.07B	0.740B	28
29	0.817B		1.57	6.97	14.3	2.93	2.17	1.18	0.893	0.883	0.976B	0.750B	29
30	0.765B		1.60	6.82	13.7	2.58	2.00	1.14	0.890	0.859	0.900B	0.800B	30
31	0.731B		1.64		11.9		1.90	1.09		0.961		0.800B	31
TOTAL	28.657	24.018	48.15	126.04	312.00	150.65	84.27	43.45	28.180	27.772	46.465	24.820	TOTAL
MEAN	0.924	0.858	1.58	4.20	10.1	5.02	2.72	1.40	0.972	0.898	1.55	0.801	MEAN
MAX	1.45	1.06	1.99	12.5	17.5	9.86	3.72	1.82	1.10	1.44	3.43	0.910	MAX
MIN	0.650	0.701	1.06	1.78	6.63	2.93	1.90	1.09	0.865	0.785	0.900	0.660	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.59
MAXIMUM DAILY, 17.5 ON MAY 26
MINIMUM DAILY, 0.650B ON JAN 25
MAXIMUM INSTANTANEOUS,
19.4 AT 02:45 MDT ON MAY 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 11 15 N
LONG 115 26 11 W
DRAINAGE AREA, 313 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 480	JUL	7 280
FEB	2 080	AUG	3 750
MAR	4 160	SEP	2 430
APR	10 900	OCT	2 400
MAY	27 000	NOV	4 010
JUN	13 000	DEC	2 140

TOTAL DISCHARGE, 81 700 dam³

CAYOOSH CREEK NEAR LILLOOET - STATION NO. 08ME002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.50	4.29	4.87	4.89	14.8E	112	41.2	30.5	1.31	0.739	1.32	0.487	1
2	4.72	4.25	4.76	4.64	15.2E	99.7	42.6	21.3	1.92	0.735	0.877	0.803	2
3	4.86	3.82	4.77	4.61	15.7A	81.9	42.8	6.11	1.86	0.709	0.863	0.856	3
4	4.92	3.56	4.66	4.56	16.6E	68.7	40.4	3.86	1.77	0.717	0.860	0.805	4
5	4.99	3.39	4.51	4.57	17.5A	59.0	39.7	3.31	1.62	0.712	0.831	0.876	5
6	4.81	3.58	4.54	4.55	17.7	63.2	39.5	3.09	1.45	0.891	0.806	0.826	6
7	4.95	4.15	4.47	4.72	17.9	54.6	37.4	2.85	1.40	0.686	0.884	0.813	7
8	5.13	4.37	4.61	4.87	17.0	58.6	34.0	2.61	1.32	0.891	0.786	0.577	8
9	4.89	4.17	4.62	4.85	16.1	60.7	31.3	2.88	1.21	0.697	0.739	0.713	9
10	4.99	4.10	5.14	4.85	14.9	59.3	29.3	3.12	1.09	0.703	0.673	0.750	10
11	5.45	4.19	5.32	4.82	14.2	53.1	31.6	3.37	1.14	0.705	0.648	0.702	11
12	6.13	4.72	5.52	4.84	13.9	45.6	57.9	3.28	1.10	0.682	0.652	0.721	12
13	5.92	4.74	5.80	4.82	14.2	42.1	65.2	3.03	1.03	0.713	0.547	0.778	13
14	5.66	4.89	5.47	4.89	15.1	40.6	62.7	2.89	0.957	0.709	0.621	0.792	14
15	5.32	4.86	5.29	4.87	15.8	42.8	52.2	2.74	0.915	0.698	0.634	0.682	15
16	5.21	4.87	5.18	4.94	17.0	44.6	44.5	2.55	0.933	0.698	0.645	0.683	16
17	5.08	4.87	5.15	5.21	18.2	47.6	41.4	2.28	0.891	0.667	0.656	0.805	17
18	4.99	4.98	5.04	5.63	18.8	46.8	39.5	2.07	0.947	0.667	0.651	0.551	18
19	4.91	4.89	4.98	6.32	20.1	41.7	39.4	1.89	0.892	0.652	0.647	0.553	19
20	4.88	4.87	4.94	7.21	25.6	37.3	41.3	1.89	0.839	0.636	0.627	0.552	20
21	4.86	4.81	4.84	8.10	31.8	34.2	42.1	1.52	0.806	0.629	0.596	0.546	21
22	4.80	4.86	4.81	8.61	37.8	33.9	38.6	1.36	0.808	0.632	0.550	0.545	22
23	4.80	4.89	4.76	9.21	45.2	37.3	37.3	1.28	0.787	0.633	0.538	0.530	23
24	4.55	4.80	4.80	10.9	53.3	40.2	36.4	1.21	0.777	0.629	0.535	0.550	24
25	4.51	4.94	4.80	12.1	69.7	39.5	35.2	1.19	0.765	0.633	0.539	0.566	25
26	4.51	4.98	4.76	12.1 A	80.2	38.5	35.0	1.16	0.765	0.676	0.517	0.582	26
27	4.51	5.00	4.77	12.7 E	89.2	40.2	32.0	1.07	0.760	1.40	0.518	0.598	27
28	4.58	4.90	4.74	13.2 E	84.0	42.3	30.0	1.03	0.776	1.38	0.514	0.605	28
29	4.54		4.76	13.8 E	82.3	43.4	28.6	1.04	0.784	1.25	0.524	0.602	29
30	4.48		4.74	14.4 E	106	43.2	27.9	1.06	0.735	1.21	0.496	0.800	30
31	4.44		4.72		115		28.2	1.13		1.59		0.808	31
TOTAL	152.20	126.36	151.98	215.56	1 050.8	1 543.0	1 226.4	120.63	32.437	24.566	19.216	19.919	TOTAL
MEAN	4.91	4.51	4.90	7.19	33.9	51.4	39.6	3.89	1.08	0.792	0.641	0.643	MEAN
MAX	6.13	5.00	5.80	14.4	115	112	65.2	30.5	1.92	1.59	1.32	0.856	MAX
MIN	4.44	3.39	4.47	4.55	13.9	33.9	27.9	1.03	0.735	0.629	0.496	0.487	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 12.8
MAXIMUM DAILY, 115 ON MAY 31
MINIMUM DAILY, 0.487 ON DEC 1
MAXIMUM INSTANTANEOUS,
122 AT 02:58 PST ON MAY 31

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 40 10 N
LONG 121 57 50 W
DRAINAGE AREA, 878 km^2
A - MANUAL GAUGE

E - ESTIMATED
REGULATED SINCE 1978

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	13 200	JUL	106 000
FEB	10 900	AUG	10 400
MAR	13 100	SEP	2 800
APR	18 600	OCT	2 120
MAY	90 800	NOV	1 660
JUN	133 000	DEC	1 720

TOTAL DISCHARGE, 404 000 dam^3

CHAPMAN CREEK ABOVE SECHELT DIVERSION - STATION NO. 08GA060

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.18	2.51	3.09	5.17	7.38	7.17	7.79	2.04	27.3	0.749	6.06	---	1
2	2.47	2.19	2.70	4.50	5.91	6.78	6.70	2.18	18.2	0.733	30.7	---	2
3	2.28	1.98	2.42	3.48	4.92	6.80	5.08	2.32	4.80	0.746	22.4	---	3
4	3.09	1.82	2.32	3.41	4.90	6.03	3.96	1.73	2.93	0.807	12.6	---	4
5	3.94	1.75	2.20	3.27	5.03	5.38	3.65	1.46	2.10	0.759	6.32	---	5
6	2.86	1.86	2.88	3.48	5.05	6.03	3.28	1.36	1.96	0.719	8.47	---	6
7	13.5	1.92	4.44	3.87	12.2	6.81	3.15	1.25	2.63	0.681	5.39	---	7
8	18.2	1.78	25.6	3.09	6.49	6.00	2.58	1.22	2.39	0.665	3.97	---	8
9	6.96	2.38	53.9	2.72	4.38	7.83	2.47	1.17	2.26	0.643	3.60	---	9
10	25.5	4.03	20.4	2.51	4.49	11.4	2.51	1.10	6.62	0.637	6.96	---	10
11	18.6	39.6	9.45	2.19	5.38	6.24	20.2	1.04	5.34	0.624	23.3	---	11
12	19.9	56.6	6.20	1.97	6.30	4.72	18.8	1.00	2.87	0.617	33.4	---	12
13	6.92	23.9	7.54	1.86	7.14	4.22	17.2	0.961	1.96	0.612	17.6	---	13
14	4.94	9.86	12.2	1.94	7.09	4.85	9.09	0.912	1.57	0.606	15.2	---	14
15	3.72	6.52	5.92	2.29	5.66	7.23	6.77	0.862	1.35	0.599	91.6	---	15
16	3.01	7.46	4.26	3.04	5.58	6.45	4.08	0.816	1.23	0.597	---	---	16
17	4.12	17.0	3.51	3.78	5.08	11.2	3.55	0.813	1.11	1.07	---	---	17
18	18.3	11.6	3.08	4.57	6.09	7.17	3.29	0.784	1.06	0.876	---	---	18
19	16.9	6.25	2.86	5.40	6.50	6.80	3.13	0.758	0.984	0.872	---	---	19
20	7.43	12.7	2.70	6.26	9.17	4.92	2.91	0.721	0.940	6.13	---	---	20
21	4.51	5.81	2.42	6.00	9.68	3.97	3.07	0.710	0.904	14.5	---	---	21
22	3.42	8.16	2.89	4.66	9.06	4.46	2.82	0.700	0.874	18.6	---	---	22
23	2.93	41.4	4.82	5.60	11.6	10.3	2.39	0.685	0.843	4.30	---	---	23
24	4.19	21.5	4.14	10.3	12.3	6.12	2.21	0.660	0.820	2.52	---	---	24
25	7.80	8.56	3.05	8.34	10.7	7.42	2.06	0.689	0.801	2.33	---	---	25
26	18.2	6.66	2.85	6.69	8.46	5.56	2.01	0.656	0.966	3.20	---	---	26
27	17.2	5.06	3.31	5.28	6.66	4.88	21.0	0.646	1.11	6.30	---	---	27
28	6.19	3.64	3.20	6.09	12.4	4.34	6.94	3.23	0.936	3.17	---	---	28
29	3.93		5.81	7.56	16.1	4.87	3.48	6.69	0.881	2.06	---	---	29
30	3.48		7.43	6.06	13.3	4.80	2.58	4.53	0.798	16.6	---	---	30
31	2.90		6.15		9.60		2.27	2.27		6.26		---	31
TOTAL	256.07	317.03	223.52	137.32	246.59	190.13	190.83	45.953	96.336	102.974	---	---	TOTAL
MEAN	8.26	11.3	7.21	4.58	7.95	6.34	6.03	1.48	3.26	3.32	---	---	MEAN
MAX	25.5	56.6	53.9	10.3	16.1	11.4	21.0	6.01	27.3	18.6	---	---	MAX
MIN	1.18	1.78	2.20	1.86	4.38	3.97	2.01	0.646	0.798	0.597	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 91.6 ON NOV 15

MAXIMUM INSTANTANEOUS,
133 AT 12:37 PST ON NOV 15

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 28 56 N
LONG 123 42 39 W
DRAINAGE AREA, 64.9 km^2

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	22 100	JUL	15 900
FEB	27 400	AUG	3 970
MAR	19 300	SEP	8 900
APR	11 900	OCT	8 800
MAY	21 300	NOV	---
JUN	16 400	DEC	---

CHEAKAMUS RIVER ABOVE MILLAR CREEK - STATION NO. 08GA072

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.65A	---	6.77	6.07	14.3	72.6	34.2	90.1	38.9	9.28	27.3	5.95	1
2	3.65A	---	6.13	5.89	14.7	82.8	38.3	69.1	38.5	8.88	27.4	5.85A	2
3	3.86	---	7.86	5.71	14.7	86.6	35.7	48.9	35.3	8.32	28.8	---	3
4	3.86	---	7.10	5.58	14.5	46.1	32.7	43.9	32.0	8.17	25.8	---	4
5	3.64	---	6.48	5.48	14.5	38.4	31.8	40.0	29.0	7.80	21.7	---	5
6	3.63	---	6.15	5.46	15.1	35.5	32.0	37.9	28.3	7.31	18.7	---	6
7	4.14	---	5.86	5.50	15.6	36.5	30.2	37.0	23.8	7.02	16.2	---	7
8	5.46	---	5.95	5.48	15.8	43.3	27.7	40.5	21.3	6.62	13.7	---	8
9	5.23	---	11.9	5.30	14.6	47.0	25.6	45.4	18.8	6.20	12.2	---	9
10	5.32	---	12.9	5.13	13.8	85.1	25.3	47.6	17.3	5.85	11.5	---	10
11	6.42	---	13.3	5.03	12.8	55.4	46.7	52.0	18.1	5.69	10.5	---	11
12	6.36	---	11.9	4.89	12.8	41.3	100	48.9	17.2	5.54	17.4	---	12
13	7.68	---	11.1	4.84	13.4	34.2	107	44.4	16.8	5.53	18.7	---	13
14	8.77	---	10.8	4.78	15.3	32.5	103	44.1	16.4	5.34	15.4	---	14
15	8.33	---	10.0	4.76	15.7	36.8	78.2	42.6	15.8	5.22	25.7	---	15
16	8.87	---	9.16	4.85	16.2	38.8	66.3	38.8	15.8	5.08	38.8	---	16
17	8.84	---	8.35	5.10	16.7	50.8	47.7	35.8	14.8	4.91	30.4	---	17
18	8.41	---	7.91	5.58	17.0	46.6	45.1	34.4	13.4	4.88	24.3	---	18
19	8.77	---	7.61	6.27	18.0	36.2	45.0	33.8	11.8	4.88	19.8	---	19
20	8.81A	---	7.16	7.34	21.4	32.8	46.8	32.2	11.0	4.92	16.4	---	20
21	---	---	6.80	8.21	25.4	30.2	48.0	30.2	10.6	5.74	13.8	---	21
22	---	---	6.44	8.85	28.6	30.1	48.0	29.3	11.3	10.1	12.4	---	22
23	---	8.87A	6.22	9.57	32.3	31.5	46.8	28.6	12.3	9.08	10.9	---	23
24	---	12.1	6.08	11.2	35.8	33.2	46.5	29.4	13.2	8.38	10.1	---	24
25	---	13.7	5.91	12.2	38.8	31.3	45.4	28.8	13.7	8.33	9.62	---	25
26	---	11.8	5.84	12.1	40.2	31.8	43.5	27.8	13.6	14.0	8.80	---	26
27	---	10.8	5.93	11.7	40.0	33.1	43.5	26.0	13.7	23.2	8.28	---	27
28	---	9.73	5.82	11.6	43.2	35.1	47.8	27.8	12.5	19.2	7.88	---	28
29	---		5.82	12.0	58.9	35.8	46.6	32.4	11.2	16.9	8.00	---	29
30	---		6.37	13.3	78.1	34.7	44.4	33.4	10.0	28.6	8.27	---	30
31	---		6.31		78.8		45.6	33.5		31.8		---	31
TOTAL	---	---	248.56	219.40	807.4	1 237.8	1 492.4	1 172.3	653.0	299.37	518.16	---	TOTAL
MEAN	---	---	7.95	7.31	26.0	41.3	48.2	37.8	18.4	9.66	17.3	---	MEAN
MAX	---	---	13.9	13.3	78.5	72.6	107	52.0	38.5	31.8	38.8	---	MAX
MIN	---	---	5.82	4.76	12.8	30.1	31.3	28.8	10.0	4.88	8.27	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 107 ON JUL 13

MAXIMUM INSTANTANEOUS,
114 AT 20:02 PST ON JUL 13

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 04 48 N
LONG 123 02 02 W
DRAINAGE AREA, 285 km²
A - MANUAL GAUGE

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	129 000
FEB	---	AUG	101 000
MAR	21 300	SEP	47 800
APR	19 000	OCT	25 900
MAY	69 800	NOV	44 800
JUN	107 000	DEC	---

CHEAKAMUS RIVER NEAR BRACKENDALE - STATION NO. 08GA043

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	9.55	12.8	17.0	28.2	88.0	188	81.8	88.5	85.9	10.6	21.6	13.4	1
2	10.4	11.8	17.8	38.3	88.1	184	88.8	88.5	78.4	10.2	42.1	12.9	2
3	11.8	11.0	21.8	36.6	87.1	130	87.2	140	62.4	10.2	48.7	12.4	3
4	12.8	10.3	21.4	37.8	88.8	130	88.9	80.0	52.8	10.4	57.7	12.0	4
5	14.9	9.79	11.7	13.3	89.7	113	78.4	88.5	47.8	10.1	49.2	11.7	5
6	13.8	9.87	11.3	28.0	81.4	98.8	77.4	84.1	37.3	9.84	29.3	11.5	6
7	30.3	9.41	11.3	33.0	86.8	100	81.2	87.0	37.0	9.61	22.1	11.2	7
8	39.8	9.10	17.3	33.1	70.4	121	87.8	88.3	28.2	9.44	17.9	11.9	8
9	28.1	9.58	70.3	29.8	49.8	149	84.1	82.8	30.8	9.31	15.9	11.2	9
10	38.1	11.8	38.9	12.7	31.8	208	86.8	80.8	30.2	9.03	17.3	10.9	10
11	42.0	72.8	28.3	11.4	34.8	143	188	81.3	35.1	8.98	43.7	10.8	11
12	47.8	88.4	21.4	10.8	35.4	98.3	382	120	18.4	8.84	37.4	10.8	12
13	39.7	87.7	20.3	10.8	58.8	82.4	287	122	23.8	8.84	36.2	11.6	13
14	21.8	38.8	48.8	10.3	70.2	73.2	286	71.2	14.8	8.76	28.4	12.8	14
15	17.8	42.4	82.2	10.3	84.8	88.8	172	48.7	14.7	8.88	148	12.1	15
16	15.2	47.8	48.2	10.8	80.4	88.8	188	21.1	14.4	8.48	272	11.8	16
17	14.8	42.7	33.3	11.3	84.8	77.8	187	84.1	13.7	8.82	178	11.8	17
18	18.3	82.8	31.2	12.3	88.7	133	77.1	83.2	12.7	8.44	84.1	10.8 8	18
19	38.8	27.4	33.1	13.3	48.8	88.8	83.2	88.8	12.1	8.44	48.8	8.888	19
20	30.7	38.8	18.2	14.8	78.8	78.8	118	83.4	12.8	8.71	38.4	8.488	20
21	18.8	28.1	14.8	18.4	82.8	88.8	118	18.8	12.1	13.3	88.2	8.288	21
22	14.8	23.8	12.8	14.3	118	78.4	88.8	18.8	12.8	28.1	18.7	8.888	22
23	13.3	41.2	38.2	18.8	111	78.3	88.2	28.8	12.8	14.8	18.7	8.888	23
24	13.1	48.8	28.8	84.7	121	87.8	81.2	34.8	12.7	11.8	18.1	8.788	24
25	14.8	31.8	11.8	43.3	138	97.8	81.1	34.3	12.3	11.8	18.2	8.288	25
28	28.7	23.8	11.2	44.8	144	78.8	88.2	35.4	13.2	18.3	18.8	8.388	26
27	36.8	28.8	12.3	42.8	118	78.8	88.3	34.2	12.8	26.8	17.2	8.488	27
28	22.8	18.3	12.2	38.8	148	88.7	84.1	35.8	11.4	15.8	18.8	8.888	28
29	17.7		28.8	33.8	183	83.8	183	81.4	18.8	12.8	18.8	8.488	29
30	15.8		33.1	82.1	228	83.8	88.3	81.8	18.8	18.8	14.2	8.888	30
31	13.8		28.7		218		81.8	81.3		32.8		8.888	31
TOTAL	688.28	848.33	788.7	772.2	3 748.1	3 143.3	3 388.3	1 818.8	728.1	484.88	1 428.8	333.48	TOTAL
MEAN	21.8	30.2	24.7	25.7	88.7	188	188	81.8	24.8	13.8	47.8	18.4	MEAN
MAX	47.8	88.4	78.3	84.7	228	288	382	148	78.4	32.8	272	13.4	MAX
MIN	8.88	8.18	11.2	18.2	31.8	88.8	43.2	18.8	18.8	8.44	14.2	8.28	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 88.8
MAXIMUM DAILY, 382 ON JUL 13
MINIMUM DAILY, 8.288 ON DEC 25
MAXIMUM INSTANTANEOUS,
441 AT 02:88 PST ON JUL 13

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 48 58 N
LONG 123 88 84 W
DRAINAGE AREA, 1 818 km²

B - ICE CONDITIONS

REGULATED SINCE 1957

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	67 888	JUL	293 888
FEB	73 188	AUG	188 888
MAR	88 288	SEP	82 288
APR	88 788	OCT	34 888
MAY	238 888	NOV	123 888
JUN	272 888	DEC	27 888

TOTAL DISCHARGE, 1 488 888 dam³

CHEHALIS RIVER BELOW STATLU CREEK - STATION NO. 08MG023

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	11.7	23.9	32.6	28.7	39.7	47.2	28.9	19.3	32.3	6.52	56.7	18.1	1
2	14.8	21.1	27.4	33.6	37.3	41.9	64.3	18.4	51.3	6.29	75.6	17.0	2
3	20.6	18.8	23.8	29.0	33.9	38.4	51.9	17.8	33.2	6.58	131	15.3	3
4	35.5	17.0	21.6	24.1	31.7	33.5	37.8	18.3	26.4	6.48	134	14.0	4
5	46.1	15.3	19.6	21.7	31.7	29.7	32.3	14.9	21.9	7.30	94.6	12.9	5
6	32.2	14.9	20.7	20.8	32.4	27.8	28.7	14.3	20.5	6.75	112	11.8	6
7	146	15.6	24.9	20.2	39.3	29.8	25.5	13.6	22.1	6.54	91.2	11.1	7
8	162	14.1	46.7	18.2	36.6	33.8	22.7	13.2	19.1	6.30	75.0	13.9	8
9	111	15.2	173	16.4	31.4	37.2	21.1	13.5	17.7	6.05	53.3	14.7	9
10	270	18.0	128	15.3E	27.4	70.3	19.3	14.7	27.9	5.80	51.9	12.8	10
11	164	58.0	90.9	13.7E	27.1	55.6	137	14.6	45.9	5.72	119	13.2	11
12	96.5	173	61.4	13.0E	29.4	41.4	224	14.1	32.1	5.64	86.8	13.0	12
13	72.9	136	52.8	12.6E	32.4	31.8	263	13.0	23.7	5.52	82.0	29.4	13
14	62.4	99.4	67.5	13.0E	34.4	27.6	168	12.2	19.2	5.42	85.6	29.9	14
15	40.8	80.1	59.3	14.5E	31.9	32.9	111	11.5	16.3	5.20	345 E	21.1	15
16	33.4	72.4	40.6	17.0E	30.6	31.4	74.5	10.8	15.9	5.10	291 J	17.2	16
17	30.5	80.0	32.2	20.0E	29.9	78.8	53.2	10.3	15.4	5.89	181	14.6	17
18	32.1	95.7	26.4	24.5E	33.3	105	41.1	9.78	13.6	7.71	136	13.0	18
19	36.7	86.7	22.3	29.5E	31.8	83.5	34.8	9.30	11.9	6.99	89.8	11.5	19
20	33.6	77.9	19.1	34.3	33.6	62.1	30.9	8.94	10.6	15.0	67.6	9.88E	20
21	28.9	57.9	17.2	40.7	37.9	42.1	29.0	8.66	10.0	19.5	49.0	9.10B	21
22	25.0	70.9	16.9	34.7	40.5	34.9	26.1	8.20	9.38	62.1	38.5	8.90B	22
23	22.7	97.7	16.5	34.7	46.7	34.1	23.8	7.82	8.79	58.8	32.8	8.70B	23
24	25.6	109	17.7	50.6	52.6	35.5	22.5	7.72	8.29	37.6	37.1	8.50B	24
25	30.2	83.2	18.0	56.1	52.9	43.1	21.7	7.67	8.04	30.3	40.8	8.40B	25
26	44.5	63.9	14.8	48.1	48.1	38.8	21.9	7.50	7.91	25.1	37.7	8.00B	26
27	66.1	49.5	16.4	37.5	46.4	34.8	22.1	7.29	8.28	50.6	41.2	7.70B	27
28	50.6	39.1	17.5	34.3	51.5	32.2	32.1	7.58	7.61	31.9	31.6	7.25B	28
29	36.3		28.1	35.9	62.3	31.5	26.2	7.98	7.21	24.8	26.6	6.95B	29
30	32.4		43.3	38.6	65.9	30.7	22.6	8.51	6.85	73.1	22.3	6.70B	30
31	27.9		33.6		57.6		20.2	8.41		91.1		6.40B	31
TOTAL	1 835.2	1 694.3	1 230.7	833.5	1 221.3	1 297.4	1 738.0	357.86	559.52	662.50	2 716.3	401.76	TOTAL
MEAN	59.2	60.5	39.7	27.8	39.4	43.2	56.1	11.5	18.7	21.4	90.5	13.0	MEAN
MAX	270	173	173	56.1	65.9	105	263	19.3	51.3	91.1	345	29.9	MAX
MIN	11.7	14.1	14.8	12.6	27.1	27.6	19.3	7.29	6.85	5.10	22.3	6.40	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 39.9
MAXIMUM DAILY, 345E ON NOV 15
MINIMUM DAILY, 5.10 ON OCT 16

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 19 47 N
LONG 121 58 31 W
DRAINAGE AREA, 357 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	159 000	JUL	150 000
FEB	146 000	AUG	30 900
MAR	106 000	SEP	48 300
APR	72 000	OCT	57 200
MAY	106 000	NOV	235 000
JUN	112 000	DEC	34 700

TOTAL DISCHARGE, 1 280 000 dam³

CHEMAINUS RIVER NEAR WESTHOLME - STATION NO. 08HA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	17.0	17.2	30.1	45.6	7.79	3.74	3.28	1.84	1.80E	1.01	6.64	23.5	1
2	16.6	15.6	30.1	42.3	7.62	3.49	3.66	1.69	2.50E	0.988	16.0	11.0	2
3	16.9	12.2	27.4	30.1	7.46	3.10	3.71	1.63	4.55E	0.995	39.0	49.9	3
4	24.4	10.3	26.9	27.9	7.33	2.91	3.86	1.46	3.95E	1.01	37.6	36.9	4
5	66.3	7.61	25.9	25.3	7.37	2.55	3.93	1.45	3.88	0.995	36.0	34.2	5
6	67.6	6.91	23.9	21.0	7.45	2.35	3.66	1.39	3.88	0.998	59.1	25.8	6
7	52.7	6.39	31.2	17.6	7.33	2.15	3.71	1.34	3.80	0.980	48.6	23.6	7
8	94.0	6.91	65.0	15.9	7.46	1.86	4.00	1.33	3.77	0.985	56.7	96.0	8
9	67.0	12.2	104	14.3	7.33	1.85	4.72	1.31	4.29	0.965	62.6	96.7	9
10	99.6	36.6	97.0	13.6	7.20	1.70	6.95	1.24	4.19	0.950	63.2	104	10
11	78.7	537	82.2	12.9	7.08	1.61	49.9	1.18	3.88	0.965	74.3	97.0	11
12	62.0	251	52.6	12.3	6.95	1.72	20.6	1.14	3.86	0.950	76.2	49.6	12
13	44.4	126	53.6	11.7	6.78	1.33	9.90	1.08	3.83	0.935	61.0	61.0	13
14	32.8	97.0	47.9	11.7	6.85	1.28	9.12	0.850	3.77	1.03	148	45.0	14
15	29.2	71.0	38.6	11.0	6.66	1.18	6.00	0.838	3.71	1.21	338	44.8	15
16	30.6	60.2	31.2	10.7	6.64	1.10	5.78	0.650	3.62	1.27	374	44.3	16
17	31.3	65.5	28.4	10.4	6.53	1.09	5.90	0.650	3.57	1.24	175	42.6	17
18	34.3	50.0	25.9	9.60	6.51	1.07	5.43	0.641	3.85	1.21	161	22.5	18
19	35.0	46.1	23.9	9.88	6.43	1.09	5.10	0.598	3.67	1.25	229	17.6	19
20	32.0	181	21.0	8.76	6.32	1.12	4.74	0.583	3.57	1.29	62.6	16.3	20
21	31.3	60.8	20.1	9.18	6.11	1.16	3.74	0.567	3.51	1.40	45.4	15.7	21
22	30.6	57.0	17.9	10.2	5.88	1.33	3.22	0.551	3.39	6.34	31.1	14.8	22
23	32.0	187	13.6	10.8	5.62	1.88	2.55	0.538	3.00	7.27	27.5	15.4	23
24	34.3	56.6	12.0	12.4	5.50	2.02	2.41	0.524	2.49	6.11	79.4	16.0	24
25	58.0	46.1	11.3	11.4	5.44	2.23	2.32	0.506	2.35	6.85	49.5	15.6	25
26	92.6	39.5	10.7	10.6	5.43	2.30	2.30	0.493	2.02	6.85	55.9	15.3	26
27	127	32.3	10.2	9.68	5.31	2.38	2.37	0.493	1.84	6.43	61.6	12.4	27
28	62.2	31.2	13.9	8.58	4.72	2.44	2.32	0.605E	1.26	6.32	45.0	10.7	28
29	67.0		27.4	8.00	4.57	2.55	2.28	1.28 E	1.16	6.28	35.3	8.56	29
30	29.2		38.2	8.00	4.48	2.78	2.16	1.31 E	1.03	6.36	39.1	10.6	30
31	18.7		41.6		4.00		2.00	1.27 E		6.53		20.5	31
TOTAL	1 587.5	2 118.02	1 064.0	461.56	198.14	59.68	194.63	31.386	95.54	90.036	2 603.74	1 098.86	TOTAL
MEAN	50.2	75.6	34.3	15.4	6.39	1.99	6.28	1.01	3.18	2.90	86.8	35.4	MEAN
MAX	127	537	104	45.6	7.79	3.74	49.9	1.84	4.55	6.34	374	104	MAX
MIN	16.6	6.39	10.2	8.00	4.00	1.07	2.00	0.493	1.03	0.935	6.64	8.56	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 26.2
MAXIMUM DAILY, 537 ON FEB 11
MINIMUM DAILY, 0.493 ON AUG 26

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - MANUAL
LOCATION - LAT 48 52 51 N
LONG 123 41 10 W
DRAINAGE AREA, 355 km²

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	135 000	JUL	16 800
FEB	183 000	AUG	2 710
MAR	91 900	SEP	8 250
APR	39 900	OCT	7 780
MAY	17 100	NOV	225 000
JUN	5 160	DEC	94 900

TOTAL DISCHARGE, 826 000 dam³

CHERRY CREEK BELOW PENDLETON CREEK - STATION NO. 08LP068

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.033	0.027	0.031	0.032	0.740	0.272	0.103	0.037	0.058E	0.032	0.026	0.023	1
2	0.031	0.026	0.033	0.031	0.780	0.248	0.092	0.040	0.066	0.032	0.025	0.023	2
3	0.030	0.028	0.032	0.030	0.700	0.246	0.132	0.038	0.056	0.030	0.025	0.021	3
4	0.030	0.026	0.032	0.030	0.680	0.249	0.132	0.066	0.055	0.029	0.025	0.021	4
5	0.030	0.026	0.032	0.030	0.580	0.225	0.112	0.069	0.042	0.026	0.025	0.021	5
6	0.031	0.026	0.031	0.030	0.844	0.203	0.106	0.072	0.042	0.026	0.024	0.021	6
7	0.030	0.026	0.033	0.030E	0.844	0.182	0.090	0.063	0.045	0.026	0.025	0.021	7
8	0.030	0.026	0.032	0.030	0.674	0.184	0.090	0.066	0.044	0.026	0.024	0.021	8
9	0.031	0.027	0.033	0.031	0.638	0.184	0.082	0.060	0.037	0.029	0.024	0.021	9
10	0.032	0.028	0.033	0.031	0.604	0.166	0.073	0.109	0.042	0.026	0.024	0.021	10
11	0.032	0.030	0.033	0.030	0.621	0.136	0.068	0.118	0.040	0.028	0.024	0.021	11
12	0.034	0.032	0.034	0.028	0.372	0.130	0.066	0.116	0.038	0.027	0.024	0.020	12
13	0.032	0.030	0.034	0.029	0.343	0.123	0.064	0.113	0.038	0.027	0.024	0.021	13
14	0.031	0.029	0.036	0.029	0.343	0.118	0.068	0.147	0.038	0.028	0.024	0.021	14
15	0.031	0.030	0.035	0.029	0.343	0.118	0.077	0.080	0.034	0.028	0.024	0.021	15
16	0.030	0.029	0.035	0.029	0.375	0.110	0.082	0.065	0.035	0.028	0.024	0.020	16
17	0.030	0.031	0.035	0.036	0.448	0.108	0.088	0.062	0.034	0.028	0.024	0.0178	17
18	0.031	0.031	0.034	0.027	0.588	0.103	0.083	0.034	0.034	0.026	0.023	0.0158	18
19	0.030	0.030	0.034	0.027	0.651	0.103	0.071	0.032	0.033	0.028	0.023	0.0148	19
20	0.028	0.030	0.034	0.181	0.592	0.138	0.088	0.034	0.033	0.027	0.023	0.0138	20
21	0.028	0.030	0.034	0.274	0.712	0.138	0.081	0.034	0.034	0.027	0.024	0.013	21
22	0.029	0.029	0.034	0.277	0.752	0.130	0.081	0.034	0.033	0.028	0.024	0.0128	22
23	0.028	0.031	0.033	0.372	0.672	0.138	0.080	0.034	0.032	0.026	0.023	0.0128	23
24	0.028	0.030	0.033	0.740	0.602	0.128	0.080	0.057E	0.030	0.024	0.023	0.0118	24
25	0.030	0.030	0.033	0.580	0.586	0.132	0.084	0.078E	0.028	0.024	0.023	0.0118	25
26	0.038	0.031	0.034	0.840	0.497	0.138	0.088	0.058E	0.028	0.024	0.023	0.0118	26
27	0.038	0.030	0.034	0.608	0.468	0.118	0.081	0.052E	0.027	0.024	0.024	0.0128	27
28	0.033	0.030	0.033	0.580	0.436	0.108	0.087	0.067E	0.026	0.025	0.024E	0.0128	28
29	0.030		0.033	0.680	0.376	0.112	0.081	0.088E	0.030	0.025	0.023E	0.0138	29
30	0.029		0.033	0.700	0.285	0.087	0.088	0.071E	0.030	0.025	0.022E	0.0148	30
31	0.029		0.032		0.289		0.084	0.070E		0.026		0.0148	31
TOTAL	0.958	0.822	1.032	8.275	15.881	4.521	2.381	2.080	1.181	0.831	0.717	0.532	TOTAL
MEAN	0.031	0.028	0.033	0.288	0.512	0.151	0.078	0.086	0.038	0.027	0.024	0.017	MEAN
MAX	0.038	0.032	0.036	0.840	0.780	0.272	0.132	0.147	0.058	0.032	0.026	0.023	MAX
MIN	0.028	0.027	0.031	0.027	0.289	0.087	0.084	0.033	0.028	0.024	0.022	0.011	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.102
MAXIMUM DAILY, 0.840 ON APR 26
MINIMUM DAILY, 0.0118 ON DEC 24

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - MANUAL
LOCATION - LAT 50 40 38 N
LONG 120 34 28 W
DRAINAGE AREA, 143 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	82.8	JUL	204
FEB	71.0	AUG	178
MAR	89.2	SEP	99.4
APR	542	OCT	71.8
MAY	1 370	NOV	61.9
JUN	391	DEC	46.0

TOTAL DISCHARGE, 3 310 dam³

CHERRY CREEK NEAR CHERRYVILLE - STATION NO 08LC049

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	4.80	21.7	46.4	18.8	10.2	4.87	---	---	---	1
2	---	---	---	5.05	22.7	44.7	18.6	9.66	5.89	---	---	---	2
3	---	---	---	4.90	23.4	44.1E	18.7	6.99	5.90	---	---	---	3
4	---	---	---	4.80	21.0	43.5	18.6	4.12	5.82	---	---	---	4
5	---	---	---	4.89	21.3	34.1	18.3	3.28	5.02	---	---	---	5
6	---	---	---	5.05	21.5	30.8	15.9	2.83	7.34	---	---	---	6
7	---	---	---	5.70	26.3	29.5	15.1	2.86	5.77	---	---	---	7
8	---	---	---	6.22	25.3	28.8	15.1	2.80	5.68	---	---	---	8
9	---	---	---	6.10	24.6	30.0	15.6	6.80	5.35	---	---	---	9
10	---	---	---	5.80	23.1	30.4	15.7	6.70	5.29	---	---	---	10
11	---	---	---	5.38	22.4	28.1	15.1	6.60	5.68	---	---	---	11
12	---	---	---	5.20	21.6	26.8	16.8	9.66	5.60	---	---	---	12
13	---	---	---	5.05	21.7	23.3	21.4	6.60	5.77	---	---	---	13
14	---	---	---	4.99	21.6	18.0	24.9	6.22	6.68	---	---	---	14
15	---	---	---	4.90	21.6	26.6	26.6	7.80	6.36	---	---	---	15
16	---	---	---	5.35E	23.6	26.6	23.2	6.80	6.28	---	---	---	16
17	---	---	---	5.60	25.2	26.4	19.6	6.70	5.20	---	---	---	17
18	---	---	---	7.10	25.3	26.1	18.3	6.74	5.47	---	---	---	18
19	---	---	---	8.85	25.7	25.2	18.9	6.74	5.32	---	---	---	19
20	---	---	---	9.96	25.4	24.1	16.1	6.74	4.98	---	---	---	20
21	---	---	---	12.6	30.6	23.6	15.0	6.74	4.84	---	---	---	21
22	---	---	---	13.5	35.2	23.5	14.3	6.68	4.80	---	---	---	22
23	---	---	---	10.3	36.0	22.4E	13.3	6.62	4.88	---	---	---	23
24	---	---	---	23.6	40.9	21.4	14.0	6.20	4.80	---	---	---	24
25	---	---	---	33.3	44.7	18.9	13.6	6.20	4.84	---	---	---	25
26	---	---	---	29.6	46.1	17.7	13.2	6.44	4.18	---	---	---	26
27	---	---	---	25.1	47.6	17.1	12.6	6.20	4.10	---	---	---	27
28	---	---	---	21.1	52.6	16.6	12.6	6.36	4.14	---	---	---	28
29	---		---	19.6	57.7	16.9	11.7	6.14	4.14	---	---	---	29
30	---		---	20.3	58.1	16.6	11.8E	6.80	4.10	---	---	---	30
31	---		---		53.6		11.3	6.63		---		---	31
TOTAL	---	---	---	335.08	988.8	808.3	514.3	184.73	154.13	---	---	---	TOTAL
MEAN	---	---	---	11.2	31.3	26.9	16.6	5.96	5.47	---	---	---	MEAN
MAX	---	---	---	33.3	58.1	46.4	26.6	10.2	6.90	---	---	---	MAX
MIN	---	---	---	4.80	21.0	16.0	11.3	2.80	4.10	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 58.1 ON MAY 30

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - MANUAL
LOCATION - LAT 50 15 22 N
LONG 119 36 00 W
DRAINAGE AREA, 603 km²

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	44 400
FEB	---	AUG	15 000
MAR	---	SEP	14 200
APR	29 000	OCT	---
MAY	83 700	NOV	---
JUN	69 800	DEC	---

CHESLATTA LAKE AT WEST END - STATION NO. 08JA018

DAILY WATER LEVEL IN METRES FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.821	2.806	2.842	2.877	3.138	3.185	3.407	5.518	3.085	2.805	2.810	2.804	1
2	2.819	2.803	2.845	2.879	3.144	3.186	3.408	5.877	2.993	2.808	2.810	2.805	2
3	2.820	2.805	2.844	2.877	3.148	3.188	3.418	5.910	2.945	2.814	2.808	2.806	3
4	2.821	2.809	2.844	2.881	3.154	3.198	3.420	5.838	2.911	2.807	2.809	2.804	4
5	2.818	2.810	2.848	2.884	3.180	3.203	3.419	5.382	2.891	2.806	2.812	2.806	5
6	2.815	2.811	2.849	2.884	3.186	3.208	3.418	5.117	2.871	2.808	2.813	2.807	6
7	2.817	2.812	2.849	2.889	3.188	3.211	3.430	4.949	2.853	2.808	2.809	2.806	7
8	2.817	2.818	2.850	2.917	3.177	3.224	3.432	4.903	2.844	2.808	2.808	2.803	8
9	2.817	2.816	2.850	2.934	3.178	3.242	3.433	4.892	2.841	2.807	2.807	2.804	9
10	2.815	2.816	2.853	2.948	3.178	3.280	3.436	5.099	2.840	2.808	2.808	2.803	10
11	2.812	2.815	2.854	2.958	3.178	3.271	3.447	5.500	2.833	2.811	2.809	2.803	11
12	2.818	2.823	2.854	2.968	3.180	3.278	3.468	5.840	2.832	2.813	2.811	2.804	12
13	2.818	2.820	2.856	2.984	3.180	3.286	3.469	5.977	2.831	2.812	2.811	2.809	13
14	2.812	2.825	2.858	2.989	3.184	3.291	3.508	5.814	2.828	2.813	2.811	2.808	14
15	2.808	2.828	2.858	2.988	3.188	3.298	3.784	5.525	2.826	2.812	2.808	2.810	15
16	2.807	2.828	2.857	3.004	3.188	3.308	4.228	5.265	2.827	2.809	2.808	2.811	16
17	2.812	2.828	2.858	3.012	3.184	3.317	4.681	4.998	2.820	2.812	2.808	2.803	17
18	2.811	2.828	2.855	3.024	3.183	3.317	4.984	4.787	2.814	2.811	2.803	2.799	18
19	2.809	2.831	2.858	3.037	3.180	3.316	5.308	4.609	2.813	2.808	2.805	2.806	19
20	2.808	2.829	2.860	3.047	3.183	3.328	5.713	4.452	2.808	2.808	2.805	2.807	20
21	2.808	2.832	2.862	3.061	3.180	3.334	6.035	4.318	2.802	2.809	2.803	2.805	21
22	2.808	2.834	2.865	3.067	3.178	3.339	5.978	4.200	2.802	2.807	2.804	2.806	22
23	2.809	2.840	2.867	3.073	3.177	3.342	5.704	4.087	2.803	2.807	2.804	2.810	23
24	2.810	2.837	2.868	3.088	3.177	3.353	5.440	3.988	2.802	2.811	2.807	2.807	24
25	2.811	2.838	2.867	3.095	3.174	3.374	5.408	3.815	2.808	2.811	2.804	2.804	25
26	2.807	2.840	2.871	3.103	3.172	3.382	5.533	3.671	2.808	2.808	2.803	2.807	26
27	2.807	2.841	2.874	3.118	3.173	3.388	5.388	3.552	2.800	2.807	2.806	2.802	27
28	2.804	2.844	2.872	3.121	3.178	3.387	5.144	3.430	2.801	2.808	2.808	2.802	28
29	2.802		2.871	3.127	3.178	3.384	4.957	3.338	2.802	2.808	2.806	2.806	29
30	2.800		2.875	3.134	3.184	3.400	4.882	3.232	2.801	2.808	2.805	2.808	30
31	2.802		2.878		3.179		5.093	3.147		2.811		2.807	31
MEAN	2.811	2.824	2.858	2.989	3.174	3.284	4.398	4.734	2.844	2.809	2.807	2.805	MEAN
MAX	2.821	2.844	2.878	3.134	3.189	3.400	6.035	5.977	3.085	2.814	2.813	2.811	MAX
MIN	2.800	2.803	2.842	2.877	3.138	3.185	3.407	3.147	2.800	2.808	2.802	2.799	MIN

SUMMARY FOR THE YEAR 1983

WATER LEVELS IN METRES

MEAN, 3.202
MAXIMUM DAILY, 6.035 ON JUL 21
MINIMUM DAILY, 2.799 ON DEC 18
MAXIMUM INSTANTANEOUS,
6.082 AT 16:10 PST ON JUL 21

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 42 24 N
LONG 125 38 20 W

REGULATED

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

CHILCOTIN RIVER BELOW BIG CREEK - STATION NO. 08MB005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	23.9	24.58	25.4	26.2	88.0	288	211	184	148	84.8	87.2	35.7	1
2	24.6	24.28	24.9	26.4	87.2	289	208	208	155	84.1	85.8	33.2	2
3	27.4	23.98	24.8	26.3	87.5	320	222	212	184	83.2	86.5	32.7	3
4	27.2	23.58	24.6	25.3	87.4	308	322	207	182	83.1	86.1	30.9	4
5	27.0	23.78	23.9	26.7	86.9	291	217	200	157	89.5	82.1	28.4	5
6	27.0	24.08	24.0	26.1	86.3	287	207	195	163	87.3	84.5	26.2	6
7	27.6	24.58	24.4	26.3	86.5	248	202	191	147	85.6	84.3	25.98	7
8	29.4	25.6	24.6	26.1	85.6	239	190	185	134	84.4	84.6	23.98	8
9	28.6	26.2	25.4	27.8	83.2	241	183	188	125	84.1	81.1	24.08	9
10	30.4	26.6	27.9	27.7	81.1	243	177	194	119	82.1	80.0	26.78	10
11	28.9	27.4	28.3	26.7	80.8	241	173	204	112	48.9	48.0	27.28	11
12	32.6	27.2	27.9	26.0	82.4	231	173	217	107	48.6	48.9	27.88	12
13	32.1	26.1	27.6	25.7	84.2	220	184	224	101	47.7	48.7	27.28	13
14	29.9	25.5	27.6	25.6	87.7	209	200	225	98.6	46.9	46.6	26.38	14
15	28.7	26.9	28.4	25.6	89.4	202	215	229	92.6	45.7	46.1	25.08	15
16	27.2	28.9	28.7	26.0	87.0	206	215	230	91.4	45.4	47.7	23.98	16
17	27.08	29.4	27.9	27.3	76.5	210	215	224	88.6	45.5	46.8	22.58	17
18	27.38	27.2	27.5	28.2	73.3	207	218	213	88.2	44.7	48.0	21.38	18
19	27.58	26.9	27.2	30.6	73.0	200	217	207	82.2	44.5	47.0	20.68	19
20	27.08	26.0	27.3	33.0	80.8	191	225	199	78.6	43.8	45.2	20.08	20
21	26.58	27.7	27.7	34.3	83.6	182	246	188	77.6	42.5	44.1	19.68	21
22	26.08	28.6	28.3	34.6	87.6	177	245	177	75.6	43.3	41.2	19.38	22
23	25.08	28.1	28.7	36.3	106	178	239	171	75.0	43.3	40.6	19.28	23
24	24.08	28.6	28.1	36.9	116	188	233	168	75.2	42.1	41.6	19.08	24
25	24.98	27.6	28.6	44.1	128	208	229	162	78.4	43.1	41.6	18.38	25
26	25.08	27.6	28.9	51.0	140	207	227	160	78.0	44.0	41.6	20.68	26
27	25.18	28.7	28.6	62.2	148	208	220	155	74.6	50.6	42.6	22.08	27
28	25.18	28.7	28.4	66.6	157	210	210	152	70.3	50.6	40.6	23.68	28
29	25.08		28.2	68.6	170	214	203	150	68.2	52.6	38.9	25.28	29
30	25.08		28.6	64.2	188	213	198	148	66.1	57.2	37.6	25.68	30
31	24.98		28.6		233		193	148		58.6		27.08	31
TOTAL	839.8	750.3	820.0	1 015.0	2 978.3	6 833	6 518	5 915	3 138.3	1 819.6	1 486.2	777.7	TOTAL
MEAN	27.1	26.8	26.5	33.8	84.5	227	210	191	105	82.3	49.5	25.1	MEAN
MAX	32.6	29.5	28.7	64.2	233	330	246	230	184	88.6	87.2	35.7	MAX
MIN	23.9	23.6	23.9	26.7	80.8	177	173	148	88.1	42.1	37.6	19.0	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 89.4
MAXIMUM DAILY, 329 ON JUN 3
MINIMUM DAILY, 19.08 ON DEC 24
MAXIMUM INSTANTANEOUS,
332 AT 05:02 PST ON JUN 3

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 50 55 N
LONG 122 39 12 W
DRAINAGE AREA, 19 300 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	72 800	JUL	563 000
FEB	64 800	AUG	511 000
MAR	70 800	SEP	271 000
APR	87 700	OCT	140 000
MAY	253 000	NOV	128 000
JUN	590 000	DEC	67 200

TOTAL DISCHARGE, 2 820 000 dam³

CHILKO RIVER AT OUTLET OF CHILKO LAKE - STATION NO. 08MA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	14.9	10.4	10.2	9.59	12.7	63.5	85.9	90.1	69.9	34.3	28.3	20.8	1
2	15.1	10.3	10.1	9.48	13.3	73.7	87.2	93.6	73.4	34.4	28.3	20.2	2
3	14.3	10.3	9.79	8.97	14.4A	79.6	88.1	91.8	71.9	34.5	28.9	19.7	3
4	14.4	10.1	9.84	9.13	14.6	84.9	88.0	89.3	68.2	33.3	28.4	18.4	4
5	13.6	9.97	9.62	9.14	14.8	85.7	85.5	86.6	67.6	31.9	27.8	18.1	5
6	14.2	9.84	9.76	9.25	15.6	86.4	87.2	86.6	68.4	30.3	29.1	18.2	6
7	14.5	10.3	9.63	8.89	16.2	85.3	83.9	85.4	64.2	28.9	26.9	18.3	7
8	14.2	10.0	10.5	8.85	15.8	88.0	82.5	86.2	60.3	30.4	25.8	17.8	8
9	13.7	10.0	11.1	8.28	16.0	92.1	83.6	88.9	58.7	28.7	25.9	17.7	9
10	14.2	10.1	11.1	8.96	16.4	95.7	82.3	85.1	57.3	27.4	24.6	17.8	10
11	15.3	11.7	11.3	8.89	16.4	93.4	80.9	89.2	56.6	26.9	25.7	18.7	11
12	13.9	12.3	11.2	8.46	16.9	93.6	82.8	92.1	54.2	26.2	25.1	18.2	12
13	14.0	12.3	11.1	8.55	17.6	92.9	86.6	91.9	53.9	25.4	24.4	17.7	13
14	13.0	12.2	11.2	8.38	17.6	91.6	88.7	91.4	51.6	24.9	25.0	17.2	14
15	12.6	12.2	10.9	8.48	17.9	92.4	87.6	92.2	50.5	24.6	26.3	[illegible]	15
16	12.7	12.1	10.6	8.05	18.6	92.6	86.8	93.7	48.9	25.0	26.6	16.8	16
17	12.8	11.7	10.3	8.38	19.5	92.4	87.4	90.7	47.2	23.8	26.0	16.2	17
18	12.3	11.7	10.2	8.50	19.6	91.7	88.1	88.2	46.3	24.5	26.1	15.1	18
19	12.0	12.0	10.1	8.57	20.1	88.8	89.4	88.1	44.2	23.3	24.2	14.4	19
20	11.9	11.9	9.78	8.44	21.7	85.9	93.0	84.7	43.0	23.4	23.9	14.3	20
21	11.8	11.3	9.66	8.73	22.5	84.5	93.4	82.7	42.5	24.1	24.1	13.7	21
22	11.3	11.4	9.62	8.58	23.9	84.5	92.6	81.7	42.0	23.7	23.7	12.9	22
23	11.1	11.3	9.65	8.54	25.0	85.9	92.2	81.3	42.1	23.1	22.8	12.4	23
24	11.1	11.4	9.54	8.89	26.6	85.6	92.7	80.5	43.2	24.2	22.9	11.6	24
25	11.4	10.9	9.73	9.72	31.6	87.4	93.9	79.2	41.4	23.4	23.4	11.6	25
26	11.5	10.8	9.83	10.3	33.4	86.6	93.5	77.6	40.3	24.7	24.3	10.1 E	26
27	11.7	10.5	9.72	10.7	36.1	87.1	92.0	75.4	37.4	27.6	22.8	9.95E	27
28	11.2	10.1	9.71	10.8	38.5	87.8	90.7	75.3	36.4	26.4	22.0	10.0 E	28
29	10.9		9.61	11.4	42.5	88.6	88.6	73.0	35.4	26.9	21.5	10.3 E	29
30	11.2		9.82	11.7	49.1	87.7	87.6	71.2	34.6	26.5	21.2	11.7	30
31	10.8		9.42		55.3		87.6	70.2		26.4		13.2	31
TOTAL	397.6	308.13	316.69	274.07	724.9	2 618.6	2 732.3	2 660.0	1 651.5	847.2	759.4	478.55	TOTAL
MEAN	12.8	11.0	10.1	9.14	23.4	87.3	88.1	85.8	51.7	27.3	25.3	15.5	MEAN
MAX	15.3	12.3	11.3	11.7	55.3	95.7	93.9	93.7	73.4	34.5	29.9	20.8	MAX
MIN	10.8	9.66	9.42	8.28	12.7	63.5	80.9	70.2	34.6	23.1	21.2	9.95	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 37.4
MAXIMUM DAILY, 95.7 ON JUN 10
MINIMUM DAILY, 8.28 ON APR 9
MAXIMUM INSTANTANEOUS,
100 AT 04:22 PST ON JUN 10

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 37 31 N
LONG 124 08 31 W
DRAINAGE AREA, 2 110 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	34 400	JUL	236 000
FEB	26 700	AUG	228 000
MAR	27 200	SEP	134 000
APR	23 700	OCT	73 200
MAY	62 600	NOV	65 600
JUN	226 000	DEC	41 400

TOTAL DISCHARGE, 1 180 000 dam³

CHILKO RIVER NEAR REDSTONE - STATION NO 08MA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	21.20	16.00	17.50	17.00	33.0E	237	181	182	167	56.9	55.9	28.9	1
2	21.10	16.20	17.50	16.80	36.2A	267	179	182	163	54.5	55.6	28.50	2
3	20.90	16.00	17.60	16.50	38.1A	276	183	186	157	55.1	55.7	28.10	3
4	20.40	15.80	17.00	15.40	39.7	269	184	183	155	52.3	53.4	27.40	4
5	19.50	16.00	16.80	15.20	41.2	263	180	187	148	48.4	50.3	26.50	5
6	19.20	16.00	16.80	16.4E	41.9	233	175	182	140	47.3	43.4	25.50	6
7	20.50	16.10	17.00	16.0E	43.4	215	173	177	137	46.6	45.7	25.40	7
8	20.60	16.50	17.30	16.1E	43.6	211	164	176	126	45.8	44.7	25.20	8
9	20.60	17.50	17.90	14.7E	42.6	214	160	180	117	45.6	42.7	25.00	9
10	21.30	18.30	16.20	14.9E	42.7	216	157	187	109	42.6	41.6	25.20	10
11	22.10	19.50	18.30	15.0A	42.9	214	163	196	102	40.6	41.2	25.60	11
12	22.00	20.10	18.20	15.1E	43.6	204	167	207	96.1	39.9	40.9	25.20	12
13	21.20	20.00	18.00	15.1E	44.5	196	169	211	90.3	39.2	39.3	24.60	13
14	21.00	19.80	18.00	15.2E	46.9	185	188	212	85.9	38.2	38.1	23.80	14
15	20.30	18.60	17.90	15.3E	45.8	184	193	216	83.4	37.3	39.2	23.20	15
16	19.60	18.40	17.80	16.4E	48.1	188	191	217	82.5	37.3	40.4	22.20	16
17	19.60	18.30	17.70	15.5E	52.0	187	190	210	78.5	37.3	39.7	21.50	17
18	19.50	19.10	17.60	15.8E	52.6	185	191	201	75.2	36.0	38.6	20.90	18
19	19.50	18.10	17.50	16.2A	54.6	176	182	196	72.1	36.4	38.0	20.20	19
20	19.00	18.00	17.20	16.5E	60.6	170	200	186	68.9	34.5	36.8	19.70	20
21	18.20	18.00	17.20	[illegible]	65.6	182	211	177	67.8	34.3	35.3	19.10	21
22	17.90	18.80	17.10	[illegible]	71.6	159	209	170	65.6	35.4	35.0	18.70	22
23	17.50	18.80	16.70	18.2E	80.9	162	206	165	66.4	34.4	34.9	18.00	23
24	17.60	18.70	17.00	19.0E	92.6	171	204	161	67.2	34.7	34.5	17.50	24
25	17.70	18.50	17.30	19.8E	109	178	202	158	67.5	35.1	33.8	17.50	25
26	18.00	18.30	17.20	20.9E	118	177	201	156	69.5	38.2	34.9	18.00	26
27	18.20	18.10	17.00	22.1E	125	176	184	152	63.7	43.6	33.9	18.90	27
28	18.00	18.00	16.80	24.1E	135	180	186	149	60.0	49.1	32.2	20.90	28
29	17.10		16.90	26.2E	147	182	182	148	58.4	54.6	31.3	22.20	29
30	17.20		17.10	28.9E	171	183	176	143	57.4	57.5	30.7	24.10	30
31	17.00		17.00		203		176	144		55.9		25.00	31
TOTAL	604.6	508.6	539.3	530.3	2 207.6	6 016	5 709	5 636	2 879.5	1 345.0	1 227.2	716.8	TOTAL
MEAN	19.5	18.2	17.4	17.7	71.2	200	184	181	95.9	43.4	40.9	23.1	MEAN
MAX	22.1	20.1	18.3	28.9	203	276	211	217	167	57.5	55.9	28.9	MAX
MIN	17.0	15.8	16.7	14.7	33.0	159	153	143	57.4	34.3	30.7	17.5	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 76.5
MAXIMUM DAILY, 276 ON JUN 3
MINIMUM DAILY, 14.7E ON APR 9
MAXIMUM INSTANTANEOUS,
280 AT 22:34 PST ON JUN 3

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 04 12 N
LONG 123 32 12 W
DRAINAGE AREA, 6 940 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	52 200	JUL	493 000
FEB	43 900	AUG	488 000
MAR	46 600	SEP	249 000
APR	45 800	OCT	116 000
MAY	191 000	NOV	106 000
JUN	520 000	DEC	61 900

TOTAL DISCHARGE, 2 410 000 dam³

CHILLIWACK RIVER ABOVE SLESSE CREEK - STATION NO. 08MH102

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	16.3	19.8	25.9	19.0	35.4	105	84.5	38.8	33.2	9.91	19.4	22.9	1
2	16.2	17.4	27.1	19.8	35.8	97.3	83.0	37.1	33.5	9.52	21.2	21.6	2
3	16.5	17.2	26.9	19.2	35.9	90.7	86.5	35.4	31.6	9.36	67.9	20.6	3
4	16.2	16.6	26.9	18.7	36.3	81.7	91.9	33.6	30.5	10.0	70.1	19.6	4
5	16.3	16.0	23.5	18.6	36.6	74.2	92.2	32.5	19.2	9.85	62.1	18.3	5
6	17.0	15.5	22.6	18.6	36.9	70.4	90.6	31.5	18.9	9.38	48.2	17.4	6
7	31.1	15.1	21.9	18.1	36.7	73.7	86.6	30.7	18.1	9.12	43.9	16.6	7
8	54.3	14.5	22.7	17.5	36.1	80.1	82.9	30.9	17.0	8.77	40.6	16.3	8
9	39.8	14.8	36.1	17.0	33.3	78.3	80.0	31.5	16.2	8.55	36.7	15.7	9
10	108	14.6	38.9	16.5	31.6	90.0	37.9	32.2	19.5	8.21	35.1	15.3	10
11	76.9	16.6	27.3	15.9	31.5	81.3	66.7	36.2	22.6	8.02	41.8	14.8	11
12	54.4	22.8	25.1	15.4	32.4	71.4	138	34.3	19.6	7.81	39.4	14.4	12
13	47.0	23.6	24.4	14.9	36.3	65.2	138	32.1	18.0	7.60	36.9	14.0	13
14	41.8	23.5	23.6	14.7	38.7	63.6	135	30.9	17.1	7.53	35.5	14.5	14
15	37.1	22.3	21.2	15.0	37.8	70.1	139	29.6	16.2	7.42	71.2	13.9	15
16	34.0	22.8	20.5	15.9	37.1A	85.7	111	27.9	15.8	7.26	61.9	13.3	16
17	31.5	25.2	27.9	15.6	36.0E	86.6	97.2	26.4	15.9	7.61	71.9	12.7	17
18	29.6	27.0	26.4	19.0	39.0A	83.6	86.7	25.0	15.1	7.90	65.3	12.3	18
19	28.6	26.5	25.2	21.7	39.6	78.0	77.0	23.7	14.4	7.54	58.2	11.7	19
20	26.9	26.6	24.3	24.6	46.5	69.6	73.1	22.6	13.7	8.90	50.0	10.6	20
21	25.3	25.6	23.2	28.0	55.1	63.8	68.1	21.6	13.2	9.22	44.6	10.1	21
22	23.8	27.6	22.3	28.2	60.0	60.2	60.2	20.7	12.7	20.5	40.2	9.84	22
23	22.6	35.2	21.6	26.9	58.6	61.1	57.0	20.0	12.3	14.9	36.2	9.37	23
24	21.8	40.7	20.8	25.6	75.0	58.1	53.9	19.4	12.0	13.2	35.1	9.28	24
25	21.0	37.9	20.0	24.8	83.6	55.1	50.3	18.7	11.6	13.7	33.9	9.30	25
26	21.6	34.3	19.3	32.2	84.6	54.9	47.1	18.0	11.9	13.6	31.6	9.16	26
27	23.8	32.1	19.2	30.6	67.9	55.1	44.4	17.4	12.1	14.6	30.5	8.92	27
28	22.6	30.4	18.6	30.4	97.9	56.1	42.7	17.7	11.2	13.4	28.8	8.69	28
29	21.3		19.2	31.7	118	53.4	40.3	17.7	10.8	12.6	28.4	8.70	29
30	20.4		21.2	34.5	128	58.4	38.5	17.8	10.2	14.2	24.6	10.5	30
31	19.6		20.0		118		36.7	19.5		20.9		10.3	31
TOTAL	973.6	681.0	803.6	670.0	1 708.3	2 159.2	2 117.5	839.4	486.4	231.31	1 307.4	420.87	TOTAL
MEAN	31.4	23.6	25.9	22.3	55.1	72.0	68.3	26.9	16.2	10.7	43.6	13.6	MEAN
MAX	108	40.7	38.9	35.8	128	105	138	36.8	35.5	20.9	81.9	22.9	MAX
MIN	16.2	14.0	18.6	14.7	31.6	54.9	27.9	17.4	10.2	7.26	18.4	8.69	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 34.2
MAXIMUM DAILY, 138 ON JUL 14
MINIMUM DAILY, 7.26 ON OCT 16
MAXIMUM INSTANTANEOUS,
180 AT 02:53 PST ON JUL 13

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 06 09 N
LONG 121 39 43 W
DRAINAGE AREA, 845 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	84 100	JUL	183 000
FEB	57 100	AUG	71 700
MAR	69 400	SEP	42 000
APR	57 900	OCT	20 000
MAY	148 000	NOV	112 000
JUN	187 000	DEC	36 300

TOTAL DISCHARGE, 1 030 000 dam³

CHILLIWACK RIVER AT OUTLET OF CHILLIWACK LAKE - STATION NO. 08MH010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	8.22	10.8	15.3	11.4	12.0	67.9	33.6	24.4	12.2	6.04	9.91	12.9	1
2	7.93	10.4	17.5	11.6	16.5	63.9	34.2	24.2	13.3	5.68	10.6	12.9	2
3	7.78	10.0	16.9	11.1	16.3	57.8	33.6	23.5	13.5	5.78	16.6	12.2	3
4	7.74	9.91	15.5	10.8	16.7	53.9	32.0	22.6	13.4	5.70	29.5	11.5	4
5	8.11	9.18	14.7	10.5	16.9	48.0	31.1	21.6	12.9	5.61	32.0	10.8	5
6	8.18	8.82	14.1	10.3	20.3	43.9	30.6	20.9	12.4	5.46	31.6	10.3	6
7	8.82	8.53	13.5	10.1	20.5	42.3	29.3	20.3	11.9	5.32	30.3	9.77	7
8	12.1	8.27	13.4	9.84	20.3	43.4	27.6	20.1	11.4	5.16	30.2	9.44	8
9	14.4	8.12	15.5	9.62	19.9	46.2	25.9	20.3	10.8	5.02	29.7	9.12	9
10	20.4	7.93	16.8	9.41	19.2	46.5	24.2	20.6	10.6	4.89	23.6	8.86	10
11	25.4	8.25	20.9	9.16	18.5	45.8	24.5	22.0	11.0	4.76	23.2	8.91	11
12	26.1	9.72	21.1	8.87	18.2	46.4	40.2	23.2	10.9	4.82	23.0	8.24	12
13	25.1	11.9	21.1	8.64	18.3	62.4	95.2	22.6	10.6	4.60	23.2	8.13	13
14	23.4	12.7	20.8	8.33	18.2	39.4	72.6	21.7	10.3	4.39	22.2	7.98	14
15	21.8	13.1	19.9	8.18	20.6	30.2	75.2	20.8	9.93	4.26	26.4	7.75	15
16	20.0	13.3	19.8	8.11	20.7	38.1	67.5	19.8	9.65	4.10	33.7	7.49	16
17	18.8	14.1	18.9	8.18	20.7	43.0	59.7	18.8	9.43	4.16	42.5	7.10	17
18	17.3	15.8	17.8	8.40	20.9	48.1	53.2	17.8	9.17	4.10	40.9	6.62	18
19	16.2	16.5	16.9	8.84	21.1	46.3	47.8	16.9	8.83	4.00	37.7	6.61	19
20	15.2	16.7	15.8	9.70	22.3	42.7	43.8	16.1	8.48	4.10	34.1	6.21	20
21	14.4	16.8	14.3	10.8	25.7	39.3	40.7	15.3	8.17	N.23	30.7	6.01	21
22	13.6	16.5	13.8	12.0	29.7	36.6	37.8	14.5	7.90	N.16	27.5	5.75	22
23	12.9	17.3	13.6	13.1	34.2	35.3	35.0	13.9	7.63	N.96	24.7	5.53	23
24	12.3	19.2	13.5	14.6	39.6	34.3	34.6	13.3	7.39	N.23	22.8	5.27	24
25	11.8	20.6	11.9	16.7	43.9	33.6	33.2	12.8	7.16	N.39	21.3	5.11	25
26	11.6	20.7	11.5	17.6	47.3	33.0	31.6	12.4	6.97	6.46	19.8	5.06	26
27	12.0	20.1	11.1	17.5	49.0	31.8	29.2	12.0	6.86	6.58	18.5	4.97	27
28	12.2	18.3	10.8	17.3	52.7	33.1	27.5	11.9	6.68	6.82	17.2	4.89	28
29	12.0		11.0	17.2	56.6	33.3	26.2	11.6	6.46	6.53	16.9	4.83	29
30	11.6		11.4	17.6	57.9	34.3	24.9	11.9	6.28	6.77	14.9	4.84	30
31	11.3		11.4		71.6		24.3	12.0		8.46		5.34	31
TOTAL	448.00	372.82	478.9	365.48	917.1	1 290.9	1 187.7	580.8	282.10	167.20	783.01	201.48	TOTAL
MEAN	14.5	13.3	15.4	11.9	29.6	43.0	38.3	18.1	9.74	5.40	25.6	7.78	MEAN
MAX	26.1	20.7	21.1	17.6	71.6	97.8	75.2	24.4	13.5	8.46	42.5	13.9	MAX
MIN	7.74	7.93	10.8	8.11	10.0	31.8	24.3	11.9	6.28	4.04	9.91	4.83	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 18.4
MAXIMUM DAILY, 75.2 ON JUL 18
MINIMUM DAILY, 4.04 ON OCT 16
MAXIMUM INSTANTANEOUS,
77.4 AT 04:35 PST ON JUL 15

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 05 02 N
LONG 121 27 30 W
DRAINAGE AREA, 339 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	36 700	JUL	102 000
FEB	33 200	AUG	48 500
MAR	41 400	SEP	23 200
APR	29 500	OCT	14 000
MAY	79 200	NOV	65 000
JUN	112 000	DEC	29 000

TOTAL DISCHARGE, 611 000 dam³

CHILLIWACK RIVER AT VEDDER CROSSING - STATION NO. 08MH001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	22.0E	40.0	55.5	40.8	71.1	168	97.0	51.8	35.5	19.4	33.3	48.5	1
2	22.0E	36.7	54.3	43.0	70.9	153	111	49.8	40.4	19.0	28.1	47.8	2
3	24.0E	37.3	51.5	42.1	70.8	142	95.0	47.8	36.5	19.0	56.3	46.8	3
4	23.0E	36.1	49.1	40.1	70.0	138	86.6	45.3	33.0	19.8	108	44.2	4
5	55.0A	34.8	46.4	39.4	71.3	119	85.6	45.1	31.0	19.9	72.8	43.3	5
6	48.0E	34.3	44.5	38.2	72.2	113	88.1	44.2	30.5	18.3	60.5	63.1	6
7	77.6	33.6	44.2	36.7	71.5	121	78.8	43.5	28.9	17.8	81.1	60.4	7
8	107	32.5	47.5	37.5	67.6	128	64.3	43.8	28.5	17.4	56.4	60.0	8
9	111	32.6	48.0	35.9	58.9	132	62.5	44.3	27.3	17.2	62.1	39.9	9
10	287	31.6	53.7	34.4	56.9	157	60.3	46.4	31.0	17.1	51.6	38.7	10
11	183	37.3	85.5	32.4	55.5	137	166	47.6	37.8	16.7	82.8	38.6	11
12	130	55.9	77.6	30.4	58.6	118	275	48.3	33.4	16.4	80.1	38.3	12
13	107	57.3	74.7	30.3	68.7	104	266	43.3	30.7	16.2	58.2	30.3	13
14	88.3	53.1	73.6	29.4	76.3	107	313	42.3	29.2	16.1	63.2	30.7	14
15	77.1	48.3	66.6	30.6	74.6	121	236	41.1	28.0	15.9	114	30.6	15
16	69.2	40.5	60.8	31.2	88.3	112	176	33.8	27.6	15.5	126	37.2	16
17	63.0A	36.6	65.6	33.3	86.9	164	186	38.5	28.3	16.4	101	35.6	17
18	60.0E	34.5	51.4	35.6	71.2	144	168	36.6	26.8	16.8	90.6	35.0	18
19	57.0E	36.3	48.8	43.0	76.8	128	134	28.9	25.3	16.1	83.1	33.6	19
20	54.0E	58.2	46.1	55.8	87.6	117	130	28.3	24.2	16.6	74.7	32.0E	20
21	52.0E	56.4	44.6	59.6	100	107	118	35.0	23.7	18.3	67.4	29.0E	21
22	50.0E	61.0	43.5	64.6	113	101	109	33.5	23.1	20.6	61.7	27.0E	22
23	49.0E	67.9	42.8	58.4	127	108	101	32.4	22.5	28.5	56.6	25.0E	23
24	47.0E	102	41.3	72.6	138	102	93.1	31.7	21.6	25.7	58.6	24.0E	24
25	48.0E	92.3	40.1	71.4	160	95.0	83.6	30.6	21.0	26.1	60.9	22.0E	25
26	48.0E	61.4	39.4	80.9	150	90.7	75.7	29.8	21.6	25.4	57.3	21.0E	26
27	50.0E	72.1	39.3	98.1	164	94.6	68.4	28.2	23.0	27.9	56.7	20.5E	27
28	46.0E	66.4	40.1	87.3	176	87.7	62.6	29.6	20.6	24.6	54.7	20.1E	28
29	44.1A		38.7	80.8	212	108	58.7	30.0	20.3	23.9	62.3	20.0E	29
30	42.6		45.7	87.3	217	108	51.1	30.2	18.7	26.3	60.1	20.0E	30
31	41.7		42.3		188		51.6	29.7		27.9		20.5	31
TOTAL	2 255.7	1 504.7	1 676.1	1 281.8	3 126.6	3 615.2	3 551.6	1 212.1	831.3	650.4	2 001.2	1 070.3	TOTAL
MEAN	72.8	53.7	54.2	45.6	101	121	117	39.1	27.7	21.0	67.4	34.7	MEAN
MAX	287	102	93.2	72.6	217	168	313	51.8	40.4	27.9	126	48.5	MAX
MIN	22.0	31.6	39.3	29.3	55.5	86.0	51.1	28.3	18.7	15.5	33.3	20.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 63.0
MAXIMUM DAILY, 313 ON JUL 14
MINIMUM DAILY, 15.5 ON OCT 16
MAXIMUM INSTANTANEOUS,
416 AT 04:20 PST ON JUL 13

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 05 50 N
LONG 121 57 45 W
DRAINAGE AREA, 1 230 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	195 000	JUL	315 000
FEB	130 000	AUG	105 000
MAR	145 000	SEP	71 800
APR	110 000	OCT	56 200
MAY	270 000	NOV	173 000
JUN	313 000	DEC	92 500

TOTAL DISCHARGE, 1 980 000 dam³

CHUCHINKA CREEK NEAR THE MOUTH - STATION NO. 07EE009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.01 B	0.750 B	1.88 B	2.16 B	21.0	3.31	5.33	5.16	3.57	3.61	5.10	4.15 B	1
2	0.990 B	0.750 B	1.86 B	2.20 B	19.7	3.30	5.02	4.87	3.68	3.50	5.14	4.03 B	2
3	0.960 B	0.745 B	1.87 B	2.44 B	16.8	3.24	4.92	5.88	3.54	3.56	6.24	3.95 B	3
4	0.940 B	0.740 B	1.86 B	2.50 B	17.5	3.65	4.62	5.05	3.55	3.57	7.04	3.87 B	4
5	0.935 B	0.735 B	1.85 B	2.70 B	17.4	4.07	4.77	5.44	3.60	3.43	7.23	3.83 B	5
6	0.910 B	0.730 B	1.87 B	2.80 B	16.9	4.23	5.21	5.08	3.72	3.80	6.53	3.76 B	6
7	0.900 B	0.760 B	1.88 B	3.00 B	16.2	4.22	5.07	4.66	3.67	3.63	6.16	3.75 B	7
8	0.850 B	0.830 B	1.85 B	3.10 B	15.9	4.63	5.62	4.69	3.64	3.65	5.63	3.72 B	8
9	0.875 B	0.870 B	2.10 B	3.16 B	14.5	4.41	5.35	4.32	3.63	3.95	5.61	3.63 B	9
10	0.865 B	1.13 B	3.33 B	3.22 B	13.1	5.67	5.18	4.08	3.73	3.50	5.30	3.69 B	10
11	0.850 B	1.30 B	2.72 B	3.28 B	12.6	5.76	5.60	4.10	3.67	3.38	5.30	3.62 B	11
12	0.845 B	1.40 B	3.00 B	3.26 B	10.9	5.35	5.71	4.01	3.60	3.37	5.13	3.58 B	12
13	0.835 B	1.47 B	3.22 B	3.35 B	10.2	5.86	5.35	3.87	3.69	3.33	5.06	3.52 B	13
14	0.825 B	1.48 B	3.32 B	3.46 B	9.84	5.55	5.86	3.88	3.60	3.37	5.58	3.45 B	14
15	0.820 B	1.48 B	3.46 B	3.61	9.42	6.29	5.48	3.96	3.80	3.44	5.37	3.33 B	15
16	0.815 B	1.50 B	3.51 B	4.26	8.80	5.16	5.71	3.88	3.81	3.61	5.02	3.15 B	16
17	0.805 B	1.50 B	3.46 B	4.81	8.27	5.63	7.01	4.42	4.17	3.67	5.15	3.00 B	17
18	0.800 B	1.50 B	3.33 B	4.30	7.84	6.88	7.23	4.68	4.32	3.47	5.03	2.80 B	18
19	0.790 B	1.40 B	3.15 B	7.13	7.18	6.35	6.60	4.46	4.41	3.81	5.45	2.65 B	19
20	0.785 B	1.45 B	3.00 B	7.31	6.81	7.67	6.30	4.21	4.48	4.34	5.55	2.50 B	20
21	0.780 B	1.60 B	2.88 B	7.05	6.48	7.38	6.42	4.02	4.58	4.20	5.10	2.33 B	21
22	0.785 B	1.80 B	2.76 B	6.05	5.88	6.46	7.81	3.92	4.73	4.73	5.10 B	2.15 B	22
23	0.780 B	1.82 B	2.55 B	6.03	5.40	6.43	7.06	3.85	4.60	4.87	5.05 B	2.00 B	23
24	0.775 B	1.86 B	2.35 B	7.17	4.88	6.53	6.56	3.72	4.87	5.24	5.00 B	1.85 B	24
25	0.770 B	1.82 B	2.30 B	10.4 E	4.57	6.90	6.35	3.82	4.91	5.04	5.00 B	1.72 B	25
26	0.760 B	1.70 B	2.06 B	31.0 E	4.36	6.47	6.76	3.88	4.86	5.31	4.90 B	1.55 B	26
27	0.755 B	1.80 B	2.00 B	32.4 E	4.05	6.06	6.43	3.48	4.36	5.09	4.70 B	1.47 B	27
28	0.753 B	1.64 B	1.66 B	25.6 A	3.66	5.72	6.01	3.47	4.00	5.21	4.60 B	1.38 B	28
29	0.752 B		1.67 B	24.3	3.86	6.37	6.02	3.50	3.73	4.87	4.45 B	1.33 B	29
30	0.752 B		1.68 B	22.8	3.59	6.24	5.76	3.61	3.60	5.67	4.38 B	1.27 B	30
31	0.751 B		2.00 B		3.41		5.44	3.60		5.21		1.24 B	31
TOTAL	25.577	35.600	76.43	250.14	313.31	159.88	185.40	132.70	121.18	130.88	162.90	88.31	TOTAL
MEAN	0.825	1.26	2.47	8.34	10.1	5.33	5.98	4.28	4.04	4.18	5.43	2.85	MEAN
MAX	1.01	1.86	3.51	32.4	21.0	7.67	7.81	5.88	4.91	5.67	7.23	4.15	MAX
MIN	0.751	0.730	1.66	2.16	3.41	3.30	4.77	3.47	3.57	3.33	4.38	1.24	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.84
MAXIMUM DAILY, 32.4E ON APR 27
MINIMUM DAILY, 0.730B ON FEB 6
MAXIMUM INSTANTANEOUS,
41.4E ON APR 26

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 31 45 N
LONG 122 36 00 W
DRAINAGE AREA, 311 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	2 200	JUL	17 100
FEB	3 080	AUG	11 500
MAR	6 600	SEP	10 500
APR	21 600	OCT	11 100
MAY	27 100	NOV	14 300
JUN	13 800	DEC	7 630

TOTAL DISCHARGE, 148 000 dam³

CLAYTON FALLS CREEK NEAR THE MOUTH - STATION NO. 08FB006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.24	2.84	2.02	2.00	7.17	12.0	8.17	7.74	7.01	3.18	5.12	2.71	1
2	3.48	3.01	2.33	2.07	6.45	11.5	7.36	8.85	7.67	2.93	4.92	2.650	2
3	3.38	2.58	2.30	2.03	6.00	8.86	6.80	8.35	7.00	4.09	5.51	2.550	3
4	3.30	2.49	2.13	2.02	6.04	7.61	7.76	8.02	7.48	4.13	5.01	2.470	4
5	3.20	2.48	1.97	2.15	6.02	13.2	8.77	7.06	8.04	3.12	4.96	2.400	5
6	3.33	2.44	2.05	2.77	6.83	17.0	8.06	8.88	21.1	2.76	4.36	2.380	6
7	7.07	2.42	1.98	3.13	5.88	13.1	7.86	8.67	16.8	2.53	4.21	2.360	7
8	9.68	2.27	2.00	2.44	4.54	11.8	6.49	8.00	8.32	2.87	3.78	2.340	8
9	5.26	2.36	2.77	2.33	4.66	16.3	8.53	7.09	4.60	4.87	3.62	2.320	9
10	4.37	2.32	2.81	2.16	4.23	12.7	8.09	7.36	6.61	3.65	3.40	2.310	10
11	16.5	3.63	2.40	2.04	4.50	9.47	16.6	7.18	6.84	3.05	4.20	2.340	11
12	11.5	4.85	3.00	1.99	5.86	7.84	16.6	6.70	5.50	3.15	3.89	2.390	12
13	6.33	4.36	2.80	1.97	5.27	7.20	17.6	8.21	11.0	2.68	3.55	2.400	13
14	6.87	4.08	2.89	2.03	7.12	7.60	13.7	8.75	6.00	2.55	3.46	2.380	14
15	4.30	3.65	2.60	2.18	5.26	8.03	10.6	5.27	6.66	2.20	4.90	2.330	15
16	3.85	3.16	2.47	2.46	5.85	6.87	8.10	5.64	6.27	2.02	5.71	2.260	16
17	3.55	2.94	2.36	2.73	5.73	8.20	8.56	5.20	6.73	4.36	4.20	2.220	17
18	4.12	3.15	2.33	3.65	6.01	9.20	8.72	5.76	5.16	3.48	3.90	2.210	18
19	5.17	2.82	2.35	4.16	6.93	7.92	8.66	5.80	4.12	5.08	3.54	2.200	19
20	4.72	2.62	2.23	3.76	10.9	6.96	8.57	5.21	3.56	4.46	3.37	2.190	20
21	4.09	2.60	2.21	3.60	8.03	6.65	8.50	6.00	3.68	7.31	3.16	2.160	21
22	3.65	2.50	2.16	3.30	8.11	7.89	7.83	6.02	3.38	6.76	3.07	2.120	22
23	3.25	2.60	2.08	3.09	8.88	8.51	7.42	6.95	3.23	6.24	3.04	2.150	23
24	3.14	6.02	2.08	5.76	10.2	13.6	7.21	6.78	3.21	6.00	3.03	2.200	24
25	3.09	4.16	2.04	6.29	16.5	13.0	7.70	4.64	3.01	17.3	2.96	2.215	25
26	3.05	3.20	2.03	6.79	8.40	10.2	8.38	4.65	20.5	23.2	2.85	2.210	26
27	2.98	3.07	2.06	5.21	8.40	8.06	10.2	4.93	7.71	9.12	2.93	2.200	27
28	2.88	2.76	2.00	6.08	10.8	8.09	8.88	6.71	6.40	6.12	2.88	2.180	28
29	2.83		1.94	7.61	16.0	8.27	8.38	6.40	6.15	5.66	2.83	2.180	29
30	2.76		2.07	8.24	14.7	8.06	7.09	5.18	3.40	8.28	2.76	2.170	30
31	2.72		2.10		12.8		7.01	5.18		6.31		2.140	31
TOTAL	145.87	87.70	72.84	105.73	243.23	302.70	280.62	196.81	216.23	173.84	116.08	71.33	TOTAL
MEAN	4.71	3.12	2.28	3.52	7.85	10.1	9.30	6.18	7.21	5.61	3.87	2.30	MEAN
MAX	16.5	6.02	3.01	8.25	16.0	17.6	18.6	9.25	21.1	23.2	5.01	2.71	MAX
MIN	2.72	2.32	1.94	1.97	4.06	6.65	6.40	4.64	3.21	2.28	2.76	2.12	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.94
MAXIMUM DAILY, 21.1 ON SEP 6
MINIMUM DAILY, 1.94 ON MAR 29
MAXIMUM INSTANTANEOUS,
55.0 AT 20:30 PST ON OCT 26

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 21 53 N
LONG 126 46 00 W
DRAINAGE AREA, 481 km^2

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	12 600	JUL	25 100
FEB	7 580	AUG	16 900
MAR	6 290	SEP	18 700
APR	9 380	OCT	15 000
MAY	21 000	NOV	10 000
JUN	26 200	DEC	6 160

TOTAL DISCHARGE, 175 000 dam^3

CLEARWATER LAKE NEAR CLEARWATER STATION - STATION NO. 08LA012

DAILY WATER LEVEL IN METRES FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.368E	1.383	1.432	1.464	1.702	2.523	2.145	2.063	1.860	1.668	1.851	1.570	1
2	1.378E	1.381	1.421	1.470	1.801	2.519	2.134	2.087	1.877	1.650	1.871	1.565	2
3	1.383E	1.376	1.420	1.468	1.813	2.463	2.121	2.060	1.912	1.623	1.876	1.545	3
4	1.406A	1.370	1.426	1.470	1.826	2.401	2.131	2.056	1.865	1.620	1.866	1.539	4
5	1.407	1.380	1.426	1.468	1.833	2.323	2.133	2.036	1.864	1.616	1.840	1.531	5
6	1.405	1.386	1.424	1.470	1.841	2.384	2.116	2.016	1.860	1.600	1.800	1.523	6
7	1.410	1.386	1.421	1.471	1.865	2.276	2.105	1.996	1.836	1.604	1.876	1.513	7
8	1.408	1.386	1.421	1.468	1.867	2.294	2.087	1.985	1.884	1.594	1.850	1.506	8
9	1.415	1.380	1.426	1.471	1.865	2.281	2.063	1.968	1.870	1.586	1.823	1.506	9
10	1.427	1.386	1.426	1.471	1.871	2.271	2.061	2.006	1.863	1.577	1.798	1.496	10
11	1.418	1.370	1.440	1.468	1.858	2.265	2.073	2.023	1.836	1.571	1.775	1.482	11
12	1.418	1.374	1.451	1.465	1.841	2.248	2.276	2.027	1.814	1.566	1.758	1.489	12
13	1.418	1.381	1.457	1.464	1.833	2.208	2.420	2.013	1.797	1.557	1.748	1.481	13
14	1.418	1.384	1.463	1.461	1.831	2.172	2.472	2.001	1.788	1.549	1.728	1.485	14
15	1.406	1.387	1.470	1.460	1.837	2.176	2.483	1.991	1.763	1.542	1.727	1.477	15
16	1.389	1.388	1.470	1.480	1.862	2.184	2.384	1.970	1.760	1.536	1.733	1.469	16
17	1.387	1.389	1.470	1.483	1.874	2.254	2.366	1.962	1.768	1.530	1.740	1.463	17
18	1.388	1.384	1.468	1.472	1.884	2.338	2.237	1.946	1.763	1.525	1.724	1.468	18
19	1.384	1.389	1.464	1.490	1.880	2.330	2.185	1.920	1.778	1.523	1.724	1.464	19
20	1.383	1.389	1.461	1.506	1.904	2.305	2.167	1.901	1.764	1.528	1.706	1.444	20
21	1.388	1.409	1.458	1.584	1.934	2.253	2.142	1.876	1.748	1.631	1.861	1.437	21
22	1.385	1.411	1.465	1.595	1.966	2.199	2.136	1.863	1.733	1.653	1.876	1.431	22
23	1.385	1.414	1.463	1.636	1.987	2.176	2.115	1.836	1.720	1.666	1.865	1.428	23
24	1.385	1.412	1.457	1.682	2.034	2.176	2.085	1.830	1.708	1.678	1.856	1.423	24
25	1.385	1.420	1.453	1.698	2.084	2.177	2.062	1.812	1.687	1.679	1.846	1.418	25
26	1.386	1.428	1.448	1.724	2.124	2.153	2.107	1.802	1.880	1.695	1.832	1.421	26
27	1.383	1.430	1.446	1.742	2.142	2.128	2.114	1.797	1.885	1.679	1.828	1.423	27
28	1.382	1.432	1.450	1.764	2.176	2.104	2.104	1.795	1.880	1.745	1.807	1.417	28
29	1.380		1.450	1.766	2.207	2.102	2.064	1.805	1.880	1.771	1.804	1.416	29
30	1.386		1.483	1.780	2.274	2.138	2.075	1.820	1.876	1.790	1.583	1.420	30
31	1.385		1.466		2.400		2.069	1.838		1.868		1.421	31
MEAN	1.386	1.390	1.446	1.564	1.953	2.286	2.168	1.933	1.800	1.607	1.780	1.473	MEAN
MAX	1.427	1.432	1.470	1.780	2.400	2.523	2.472	2.063	1.954	1.686	1.876	1.570	MAX
MIN	1.370	1.366	1.421	1.460	1.702	2.102	2.060	1.795	1.676	1.523	1.583	1.416	MIN

WATER LEVELS IN METRES

MEAN, 1.730
MAXIMUM DAILY, 2.523 ON JUN 1
MINIMUM DAILY, 1.366 ON FEB 10
MAXIMUM INSTANTANEOUS,
2.530 AT 06:00 PST ON JUN 2

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 00 28 N
LONG 120 11 30 W

A - MANUAL GAUGE

E - ESTIMATED

NATURAL FLOW

CLEARWATER RIVER AT OUTLET OF CLEARWATER LAKE - STATION NO. 08LA007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	23.3E	22.8	29.4	34.1	122	556	298	249	161	82.5	190	55.9	1
2	22.3E	22.8	29.1	35.2	125	553	281	252	157	77.1	200	52.1	2
3	24.0E	21.9	28.6	35.0	130	511	283	252	172	68.4	202	50.2	3
4	25.0A	21.0	28.5	35.2	136	465	289	247	167	68.5	198	48.8	4
5	25.9	20.8	29.3	35.9	139	419	261	234	162	67.2	185	47.6	5
6	25.6	20.9	28.1	35.2	143	388	280	222	188	65.4	171	45.3	6
7	26.3	20.9	27.6	35.3	152	376	274	213	180	64.9	157	43.3	7
8	26.1	20.9	27.7	35.1	161	367	259	204	168	61.8	148	42.1	8
9	27.1	21.0	28.3	35.4	160	355	261	209	157	60.8	136	42.2	9
10	26.8	20.6	29.5	35.3	154	376	248	217	147	57.8	124	40.1	10
11	27.6	21.1	31.2	35.1	148	338	255	223	161	55.0	117	39.1	11
12	27.1	21.6	31.9	34.6	143	384	381	229	131	54.7	112	36.8	12
13	27.1	22.6	32.9	34.1	139	336	479	221	124	52.7	107	36.9	13
14	26.3	22.9	34.0	33.7	138	316	517	214	120	50.8	101	37.7	14
15	25.8	23.3	35.3	33.3	140	317	503	210	116	49.3	101	36.3	15
16	24.9	23.3	35.3	33.5	148	328	484	204	123	48.2	103	35.1	16
17	24.8	23.6	35.7	34.1	155	370	482	199	123	46.8	105	34.0	17
18	24.6	24.2	34.6	35.5	164	422	356	188	123	45.8	102	33.2	18
19	24.3	24.4	34.2	38.6	166	423	322	178	118	46.0	98.8	32.4	19
20	24.0	24.8	33.8	42.2	168	403	309	166	112	45.8	94.1	31.0	20
21	23.6	25.0	33.3	52.1	182	386	295	158	108	47.1	89.2	29.8	21
22	23.1	25.4	32.8	64.5	187	332	283	147	103	51.6	84.8	29.0	22
23	23.1	25.8	32.1	73.2	213	317	279	139	98.5	55.6	81.4	28.8	23
24	23.0	26.5	32.9	80.6	233	317	269	133	92.1	57.1	78.8	27.8	24
25	23.0	27.6	32.3	91.8	261	318	265	130	88.0	58.0	75.8	27.3	25
26	23.4	28.2	31.5	98.9	285	303	274	126	87.8	62.0	71.9	27.7	26
27	24.1	28.8	31.7	108	306	288	279	124	90.5	85.6	68.8	28.0	27
28	23.8	29.2	31.8	110	319	273	273	123	88.3	107	65.6	27.2	28
29	23.6		33.3	114	378	271	267	129	85.9	115	61.7	27.1	29
30	23.1		34.1	118	447	287	256	123	84.8	122	56.9	27.7	30
31	23.1		34.3		515		247	126		153		27.8	31
TOTAL	760.3	662.5	984.0	1 616.4	6 251	11 114	9 780	5 809	3 845.7	2 082.8	3 484.8	1 131.7	TOTAL
MEAN	24.8	23.7	31.7	53.8	202	370	315	187	128	67.2	116	36.5	MEAN
MAX	26.6	29.2	35.3	118	515	556	517	252	188	153	202	55.9	MAX
MIN	22.3	20.6	27.7	33.3	122	271	247	123	84.8	45.4	56.9	27.1	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 130
MAXIMUM DAILY, 556 ON JUN 1
MINIMUM DAILY, 20.6 ON FEB 10
MAXIMUM INSTANTANEOUS,
568 AT 05:06 PST ON JUN 2

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 08 20 N
LONG 120 11 30 W
DRAINAGE AREA, 2 950 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	66 400	JUL	842 000
FEB	57 300	AUG	502 000
MAR	85 000	SEP	333 000
APR	140 000	OCT	180 000
MAY	540 000	NOV	301 000
JUN	960 000	DEC	97 800

TOTAL DISCHARGE, 4 100 000 dam³

CLEARWATER RIVER AT OUTLET OF HOBSON LAKE - STATION NO. 08LA013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.88	6.68	6.82	7.61	30.7	134	87.5	98.4	86.5	24.3	50.1	16.1	1
2	7.88	6.58	6.71	7.58	31.3	135	86.6	101	71.6	23.5	50.2	15.3	2
3	8.01	6.27	6.84	7.67	32.7	130	84.7	102	81.2	23.0	48.3	14.7	3
4	7.86	6.27	6.83	7.70	33.4	118	88.2	97.8	85.3	23.8	48.2	14.4	4
5	7.76	6.28	6.79	7.70	34.4	107	87.7	92.0	82.6	23.5	45.6	14.1	5
6	7.84	6.04	6.72	7.78	36.0	99.3	88.7	98.4	75.3	23.3	42.7	13.5	6
7	7.80	6.04	6.72	8.07	38.5	100	88.2	97.0	68.2	22.6	40.2	13.0	7
8	7.94	6.11	6.56	8.20	40.2	98.7	88.9	96.0	63.6	21.4	38.0	12.7	8
9	8.04	6.07	6.88	8.21	38.9	98.7	81.4	89.7	57.2	21.1	35.2	12.6	9
10	8.38	6.06	7.06	8.21	36.8	102	77.3	95.6	52.5	20.8	33.9	12.6	10
11	8.00	6.09	7.21	8.56	37.5	103	82.5	98.7	48.4	19.7	31.2	12.5	11
12	8.22	6.23	7.18	8.80	36.8	99.8	115	98.2	44.7	18.9	30.5	12.3	12
13	8.00	6.27	7.26	8.84	36.5	99.6	133	94.5	41.8	18.4	28.0	12.3	13
14	8.01	6.29	7.33	8.48	36.6	95.9	148	96.8	41.5	17.9	26.7	12.2	14
15	7.95	6.60	7.55	8.63	37.2	97.3	147	94.9	41.5	17.4	25.2	12.1	15
16	7.81	6.50	7.85	8.81	38.7	99.6	138	89.9	42.5	17.0	26.2	11.6	16
17	7.68	6.40	7.46	8.81	39.8	101	133	86.7	42.2	16.5	25.8	11.3	17
18	7.50	6.30	7.54	9.30	41.1	113	112	81.6	40.7	16.1	24.9	10.8	18
19	7.31	6.40	7.48	10.1	41.3	114	105	76.1	38.3	15.9	24.4	10.2	19
20	7.20	6.44	7.43	11.5	42.2	112	103	85.9	36.9	15.9	23.6	10.0	20
21	7.20	6.55	7.40	14.0	45.3	105	103	84.1	34.2	18.3	22.7	9.73	21
22	7.18	6.58	7.28	16.6	47.8	99.0	102	80.2	33.0	17.8	21.6	9.20	22
23	6.88	6.68	7.26	18.4	50.3	94.2	98.3	86.3	31.7	18.7	20.7	8.88	23
24	6.88	6.72	7.21	20.9	54.8	93.9	98.6	88.9	30.6	18.8	19.9	8.98	24
25	6.77	6.85	7.36	22.7	61.6	93.1	97.8	86.3	30.6	18.7	19.4	8.88	25
26	6.84	6.84	7.18	25.0	65.6	88.1	103	86.0	30.2	22.1	19.0	8.88	26
27	7.03	6.93	7.06	25.3	67.4	84.2	101	86.2	29.7	30.0	18.9	8.85	27
28	7.16	7.00	7.28	27.4	72.8	82.5	98.1	86.7	28.3	32.6	17.8	8.80	28
29	6.94		7.42	28.1	88.7	82.4	98.1	86.0	27.9	32.6	17.4	8.88	29
30	6.81		7.34	29.8	108	88.4	92.1	80.3	26.7	35.7	16.9	8.70	30
31	6.77		7.54		124		92.7	82.0		48.3		8.83	31
TOTAL	233.88	180.36	222.27	396.26	1 531.1	3 022.5	3 144.6	2 470.2	1 421.6	690.7	892.5	353.06	TOTAL
MEAN	7.55	6.44	7.17	13.2	49.4	101	101	79.7	47.4	22.3	29.8	11.4	MEAN
MAX	8.38	7.00	7.85	29.8	124	135	148	102	86.3	48.3	50.2	16.1	MAX
MIN	6.77	6.04	6.56	7.61	30.7	82.4	77.3	66.2	26.7	15.9	16.8	8.58	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 39.9
MAXIMUM DAILY, 148 ON JUL 14
MINIMUM DAILY, 6.04 ON FEB 6
MAXIMUM INSTANTANEOUS,
151 AT 15:45 PST ON JUL 14

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 26 18 N
LONG 120 19 28 W
DRAINAGE AREA, 804 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	20 200	JUL	272 000
FEB	15 600	AUG	213 000
MAR	19 200	SEP	122 800
APR	34 200	OCT	59 700
MAY	132 000	NOV	77 100
JUN	261 000	DEC	30 500

TOTAL DISCHARGE, 1 260 000 dam³

CLEARWATER RIVER NEAR CLEARWATER STATION - STATION NO. 08LA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	52.9	46.9	59.2	79.6	282	888	508	389	184	118	253	104	1
2	52.5	46.4	58.1	78.6	274	887	500	387	213	113	271	101	2
3	54.5	44.0	58.1	81.7	265	848	482	382	229	110	277	99.3	3
4	54.7	43.58	57.5	81.2	284	783	469	372	248	108	276	97.1	4
5	54.2	43.28	57.2	80.9	304	737	463	356	251	106	270	94.2	5
6	54.3	43.58	58.1	81.7	313	689	471	338	246	105	265	90.5	6
7	54.4	43.78	58.6	83.0	337	665	483A	324	241	103	239	87.5	7
8	54.9	43.6	58.9	82.8	340	645	481E	312	229	101	225	84.7	8
9	54.2	43.0	58.0	82.6	340	636	485E	308	218	97.8	212	86.1	9
10	56.3	42.4	61.8	82.3	361	634	480E	312	204	94.3	198	84.3	10
11	58.9	43.2	65.9	82.6	331	648	490E	324	199	91.2	191	82.1	11
12	57.2	44.5	66.1	81.7	321	619	548E	335	190	88.7	182	81.2	12
13	57.0	46.2	66.9	80.9	317	583	540E	314	180	85.9	177	80.7	13
14	56.7	46.0	71.8	80.0	317	553	770E	305	175	83.2	169	79.7	14
15	53.8	46.1	74.2	80.4	320	544	748E	295	173	80.9	168	77.8	15
16	52.2	46.5	75.6	82.2	330	552	670E	285	181	78.4	173	74.9	16
17	51.6	46.8	78.5	84.3	345	566	610E	276	187	78.9	182	73.89	17
18	51.7	47.7	76.4	89.7	365	656	585E	266	184	78.6	176	70.08	18
19	51.7	47.3	73.8	97.2	366	681	560E	253	178	74.6	172	68.18	19
20	51.3	48.1	72.2	108	370	650	545E	239	168	75.3	165	66.18	20
21	50.8	48.8	71.3	120	393	617	515E	224	161	75.0	156	64.78	21
22	50.0	48.7	70.3	152	414	571	500E	213	154	80.6	146	62.38	22
23	47.7	50.4	70.4	165	440	548	482E	201	148	86.3	142	61.08	23
24	47.8	52.8	72.0	179	473	546	468E	193	143	86.8	136	60.48	24
25	47.7	57.0	73.4	208	513	542	462E	188	138	87.0	130	60.58	25
26	48.5	58.6	71.9	221	547	520	460E	183	133	88.4	130	61.08	26
27	48.1	58.8	72.7	228	566	496	457A	177	134	128	127	59.08	27
28	48.0	58.5	74.8	238	584	472	443	173	130	105	122	59.88	28
29	47.3		75.5	244	589	453	430	170	126	104	117	61.58	29
30	46.3		76.1	263	781	500	413	182	122	172	112	61.08	30
31	47.8		79.5		842		395	183		207		60.08	31
TOTAL	1 617.1	1 336.8	2 113.8	3 887.7	12 708	18 758	15 986	8 458	5 464	3 358.4	5 588	2 358.3	TOTAL
MEAN	52.2	47.7	68.2	123	410	625	515	273	182	108	188	76.0	MEAN
MAX	58.9	58.8	79.5	263	842	887	770	388	251	207	276	108	MAX
MIN	47.3	43.4	58.8	79.6	282	483	388	173	122	78.5	112	59.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 323
MAXIMUM DAILY, 887 ON JUN 2
MINIMUM DAILY, 42.4 ON FEB 10
MAXIMUM INSTANTANEOUS,
899 AT 03:51 PST ON JUN 2

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 39 20 N
LONG 120 03 56 W
DRAINAGE AREA, 10 200 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	140 000	JUL	1 380 000
FEB	115 000	AUG	731 000
MAR	183 000	SEP	472 000
APR	319 000	OCT	282 000
MAY	1 100 000	NOV	481 000
JUN	1 620 000	DEC	204 000

TOTAL DISCHARGE, 7 030 000 dam³

COAL RIVER AT THE MOUTH - STATION NO. 10BC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	27.00	19.70	20.00	19.80	118	540	114	95.9	83.7A	42.9	30.20	24.20	1
2	26.80	19.80	19.90	19.90	104	521	109	89.6	81.6	41.5	30.00	23.80	2
3	26.70	19.90	19.80	20.00	94.4	370	105	105	80.2	54.2	29.80	23.00	3
4	26.00	20.00	19.70	20.00	87.4	272	104	107	80.6	54.1	29.40	22.60	4
5	25.90	20.00	19.50	20.00	81.1	239	99.7	106	80.6	55.0	29.10	23.00	5
6	25.60	20.00	19.40	20.10	74.3	228	98.5	103	80.6	55.0	29.00	21.90	6
7	25.50	19.90	19.10	20.20	67.6	207	139	94.0	89.4	50.7	28.80	21.20	7
8	25.30	19.80	19.00	20.60	66.2	209	138	80.9E	80.7	46.1	28.30	21.00	8
9	25.00	19.70	19.10	21.00	75.0	201	116	83.0E	81.3	47.4	27.90	20.50	9
10	24.00	19.60	19.20	21.30	96.1	195	107	76.0E	80.6	43.5	27.90	20.20	10
11	23.00	19.60	19.30	22.00	130	198	98.6	70.0E	87.6	39.1	27.80	20.20	11
12	22.70	19.60	19.60	22.60	176	207	90.8	68.0E	86.6	37.6	27.80	20.10	12
13	22.10	19.50	20.60	23.70	181	213	88.6	68.5E	84.3	46.6	27.70	20.00	13
14	21.80	19.40	20.20	24.50	186	198	86.0	68.5E	83.6	47.1	27.60	20.00	14
15	21.50	19.10	21.00	25.20	131	187	90.1	63.0E	83.6	46.5	28.00	20.10	15
16	21.40	19.00	20.90	26.60	144	188	89.6	86.0E	84.0	42.2	28.20	20.10	16
17	21.10	19.00	20.70	28.60	196	199	90.1	89.0E	84.5	38.4	28.10	19.90	17
18	21.10	19.10	20.60	31.00	220	188	90.1	71.0E	84.7	35.1	27.90	19.70	18
19	21.10	19.20	20.30	35.00	237	177	90.0	73.0E	84.6	35.5A	27.20	19.40	19
20	21.10	19.50	20.00	40.00	212	181	90.0	75.0E	83.8	35.00	26.10	19.30	20
21	21.10	19.60	19.60	46.00	210	170	82.1	77.0E	83.7	34.00	25.20	19.40	21
22	20.70	19.60	19.20	55.00	226	164	102	80.0E	83.3	34.0E	25.10	19.00	22
23	20.20	19.60	18.80	64.00	203	167	147	82.0E	82.7	34.0E	25.00	19.00	23
24	19.60	19.60	18.80	80.00	188	167	146	82.0E	83.3	34.00	25.00	19.00	24
25	19.30	19.60	19.00	94.00	180	168	123	82.0E	83.0	33.20	25.00	19.00	25
26	19.30	19.00	19.00	102 B	161	152	112	82.0E	85.4	32.0E	25.00	18.70	26
27	19.10	20.00	19.10	110 B	182	143	100	81.0E	86.4	32.10	24.80	18.70	27
28	19.10	20.10	19.20	116 B	188	133	103	79.0E	82.0	32.00	24.60	18.70	28
29	19.20		19.10	126 A	172	128	101	74.0E	84.3	31.00	24.70	18.80	29
30	19.20		19.00	120	206	121	107	70.0E	81.2	31.00	24.80	18.80	30
31	19.40		19.30		439		103	68.0E		30.70		18.80	31
TOTAL	691.2	583.4	606.0	1 402.3	5 071.3	5 407	3 283.7	2 508.0	1 698.1	1 205.1	815.5	635.2	TOTAL
MEAN	22.3	19.8	19.8	46.7	164	219	106	80.8	85.5	40.8	27.2	20.5	MEAN
MAX	27.0	20.1	21.0	120	439	540	147	108	83.7	55.0	30.2	24.3	MAX
MIN	19.1	19.0	18.8	19.8	87.6	121	89.6	63.0	41.2	30.7	24.8	19.3	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 68.2
MAXIMUM DAILY, 540 ON JUN 1
MINIMUM DAILY, 18.80 ON MAR 25
MAXIMUM INSTANTANEOUS,
561 AT 23:30 PST ON JUN 1

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 41 20 N
LONG 125 57 02 W
DRAINAGE AREA, 0 150 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	59 700	JUL	284 000
FEB	47 500	AUG	217 000
MAR	52 500	SEP	144 000
APR	121 000	OCT	100 000
MAY	438 000	NOV	70 000
JUN	557 000	DEC	54 000

TOTAL DISCHARGE, 2 100 000 dam³

COLDSTREAM CREEK ABOVE MUNICIPAL INTAKE - STATION NO. 08MM142

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.077B	0.070B	0.150B	0.530B	3.10	0.901	0.202E	0.170B	0.162E	0.116	0.120E	0.087E	1
2	0.078B	0.072E	0.145	0.540	2.97	0.870	0.250	0.172	0.233	0.114B	0.125	0.074	2
3	0.078B	0.067B	0.149B	0.549B	3.05	0.865E	0.232E	0.164B	0.220B	0.117	0.123E	0.087E	3
4	0.075	0.064B	0.150	0.540	3.02E	0.780	0.215	0.151	0.206B	0.111	0.115	0.100	4
5	0.078B	0.051	0.152B	0.560B	2.97	0.715E	0.205B	0.152E	0.183	0.105	0.114E	0.085E	5
6	0.081	0.0510	0.152B	0.574	3.02E	0.870	0.183	0.148	0.160B	0.105E	0.112E	0.083	6
7	0.082E	0.0600	0.154	0.630B	3.05	0.610E	0.160E	0.149B	0.143	0.104	0.110	0.055	7
8	0.084	0.0520	0.200B	0.704	3.08E	0.550	0.182	0.142	0.141E	0.103E	0.107E	0.100	8
9	0.087E	0.0370	0.270B	0.714E	2.05	0.530B	0.180E	0.143E	0.130B	0.102E	0.105E	0.090E	9
10	0.080	0.0730	0.244	0.723E	3.03E	0.450	0.165E	0.142	0.137	0.102	0.104	0.0885	10
11	0.087E	0.079	0.380B	0.660B	2.57	0.445E	0.183	0.152E	0.136E	0.101E	0.103E	0.097E	11
12	0.085	0.082E	0.428	0.618E	2.93E	0.401E	0.221E	0.164	0.124B	0.100	0.102	0.095	12
13	0.083E	0.066B	0.410B	0.570B	2.60	0.384	0.250	0.158E	0.133	0.106E	0.108E	0.097E	13
14	0.082E	0.080	0.386	0.540B	2.07E	0.380	0.223E	0.153E	0.135E	0.099	0.110	0.093	14
15	0.081	0.085E	0.381E	0.585E	2.84E	0.400	0.216	0.146	0.137	0.106E	0.122E	0.100E	15
16	0.081E	0.089	0.383	0.600E	2.82	0.420E	0.200E	0.143E	0.143E	0.120E	0.124	0.103E	16
17	0.081	0.092B	0.382E	0.600E	2.76E	0.380	0.183E	0.137	0.146	0.128	0.135E	0.104	17
18	0.081E	0.094	0.381	0.760E	2.74	0.487E	0.182	0.133E	0.145B	0.118B	0.137	0.100E	18
19	0.081	0.095E	0.378E	0.880E	2.51E	0.553E	0.266	0.128E	0.141E	0.110	0.132E	0.094	19
20	0.081E	0.095E	0.378	1.00 E	2.27E	0.610	0.262E	0.124	0.137	0.112E	0.130E	0.090E	20
21	0.080E	0.095	0.370E	1.12 E	2.04E	0.570E	0.210E	0.124B	0.132	0.112	0.128	0.087	21
22	0.079	0.100B	0.365E	1.36 E	1.80E	0.500E	0.183	0.126	0.131	0.113E	0.124E	0.088E	22
23	0.079E	0.104	0.380E	1.70 E	1.57	0.420	0.201E	0.124B	0.130B	0.111E	0.121	0.085E	23
24	0.079	0.120B	0.400E	2.60 E	1.53E	0.405E	0.200E	0.126	0.128	0.104	0.121E	0.084E	24
25	0.070E	0.143	0.406E	3.40 E	1.47E	0.380	0.210	0.133E	0.126B	0.104E	0.121	0.083E	25
26	0.075	0.146E	0.413	3.61	1.42	0.333E	0.210E	0.143	0.125E	0.104	0.118E	0.082E	26
27	0.084E	0.149E	0.420B	3.53 E	1.38E	0.287	0.210E	0.139B	0.124	0.103E	0.116E	0.081E	27
28	0.088	0.151	0.460E	3.26 E	1.35	0.280E	0.216	0.136B	0.121E	0.102	0.117	0.080E	28
29	0.087E		0.480	2.97	1.28E	0.286	0.205E	0.132	0.119	0.100B	0.106B	0.079E	29
30	0.085E		0.500B	3.06 E	1.21	0.274B	0.183	0.132E	0.117E	0.118E	0.100	0.078E	30
31	0.084		0.523		1.08E		0.165E	0.132		0.124		0.077E	31
TOTAL	2.534	2.504	10.540	39.807	74.34	15.303	6.573	4.431	4.403	3.373	3.529	2.800	TOTAL
MEAN	0.082	0.089	0.340	1.33	2.40	0.510	0.212	0.143	0.147	0.109	0.118	0.091	MEAN
MAX	0.090	0.151	0.523	3.61	3.10	0.970	0.266	0.179	0.233	0.126	0.137	0.104	MAX
MIN	0.075	0.050	0.145	0.530	1.08	0.274	0.162	0.124	0.117	0.099	0.100	0.074	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.466
MAXIMUM DAILY, 3.61 ON APR 26
MINIMUM DAILY, 0.0500 ON FEB 7

TYPE OF GAUGE - MANUAL
LOCATION - LAT 50 15 20 N
LONG 119 04 55 W
DRAINAGE AREA, 66.5 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	219	JUL	568
FEB	216	AUG	383
MAR	911	SEP	380
APR	3 440	OCT	291
MAY	6 420	NOV	305
JUN	1 320	DEC	242

TOTAL DISCHARGE, 14 700 dam³

COLDWATER RIVER AT MERRITT - STATION NO. 08LG010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.400	1.900	3.32	5.40	26.2	40.3	8.36	2.32	0.843	0.976	3.80	1.050	1
2	1.850	2.000	3.20	5.31	27.9	37.5	8.40	2.19	1.35	0.883	3.00	1.900	2
3	1.800	1.900	3.10	4.92	26.5	29.5	8.84	2.06	2.05	0.940	4.58	1.640	3
4	2.200	1.850	3.01	5.13	25.5	26.3	8.37	1.98	1.84	0.933	12.0	1.880	4
5	2.800	1.800	2.83	4.80	25.1	22.5	7.84	1.78	1.34	1.03	8.08	1.800	5
6	3.000	1.900	2.83	5.16	27.9	23.6	7.06	1.61	1.25	1.08	6.80	1.700	6
7	3.500	2.000	2.81	5.45	24.3	26.2	6.42	1.57	1.17	1.03	5.72	1.850	7
8	4.000	2.100	2.89	5.81	23.9	26.5	5.81	1.46	1.13 E	1.00	4.80	1.800	8
9	4.800	2.320	3.47	5.82	21.1	27.8	5.36	1.40	1.09	0.956	3.85	1.800	9
10	5.700	2.600	7.00	5.40	19.6	21.3	4.85	1.31	1.03	0.933	3.45	1.800	10
11	6.700	2.700	8.34	5.32	18.4	18.6	4.50	1.50	1.06	0.925	3.20	1.820	11
12	6.000	2.900	7.76	5.01	18.1	15.5	10.2	1.56	2.05	0.955	3.50	1.720	12
13	6.400	3.200	7.08	4.71	20.2	13.6	14.4	1.44	1.84	0.880	3.64	1.820	13
14	4.900	2.55	6.43	4.888	24.5	13.9	24.6	1.16	1.44	0.888	3.26	1.800	14
15	3.800	2.45	6.04	4.85	25.0	16.7	16.3	1.08	1.28	0.865	3.22	1.700	15
16	2.900	2.31	5.85	5.07	23.4	13.3	11.7	0.985	1.27	0.850	13.2	1.800	16
17	2.850	2.35	5.43	5.61	23.4	16.1	9.49	0.945	1.57	0.880	10.6	1.470	17
18	2.800	5.07	5.31	7.16	22.5	16.3	8.44	0.905	1.82	0.850	8.44	1.435	18
19	2.800	2.85	5.18	8.53	23.1	13.1	7.41	0.855	1.70	0.872	7.06	1.260	19
20	2.800	3.14	4.98	10.3	28.7	10.6	6.85	0.781	1.40	1.00	6.33	1.300	20
21	2.400	2.89	4.85	12.1	42.8	9.70	6.23	0.764	1.33	0.926	5.02	1.240	21
22	2.300	2.61	5.16	14.4	43.6	9.33	5.37	0.733	1.36	1.01	4.80	1.160	22
23	2.150	2.14	5.01	15.4	46.5	9.04	5.07	0.711	1.24	3.23	4.44	1.130	23
24	2.300	4.12	4.89	21.4	47.4	8.86	4.41	0.711	1.15	2.37	4.07	1.070	24
25	2.500	4.16	4.74	27.5	50.9	8.88	3.97	0.689	1.09	1.90	3.80	1.030	25
26	2.650	4.04	4.56	25.0	48.0	8.27	3.58	0.681	1.02	1.73	3.52	1.010	26
27	2.750	3.73	4.55	21.9	43.0	10.1	3.38	0.641	1.04	3.06	3.20	1.040	27
28	2.400	3.38	4.47	18.8	44.8	9.75	3.12	0.688	1.03	2.38	3.08	1.070	28
29	2.250		6.47	21.1	51.6	9.01	3.05	0.722	1.00	2.13	2.000	1.100	29
30	2.080		6.37	24.8	55.8	9.20	2.75	0.704	0.853	1.82	2.150	1.130	30
31	1.970		6.31		52.7		2.46	0.702		1.91		1.180	31
TOTAL	89.16	80.36	150.67	317.38	1 000.3	532.54	236.47	36.800	38.316	40.310	158.73	45.93	TOTAL
MEAN	2.88	2.87	4.87	10.6	32.6	17.8	7.80	1.16	1.31	1.30	5.22	1.47	MEAN
MAX	6.70	5.07	8.34	27.5	55.8	40.3	24.6	2.32	2.05	3.23	13.2	1.90	MAX
MIN	1.40	1.80	2.81	4.85	18.4	8.88	2.46	0.641	0.843	0.850	2.15	1.01	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.52
MAXIMUM DAILY, 55.8 ON MAY 30
MINIMUM DAILY, 0.641 ON AUG 27

TYPE OF GAUGE - MANUAL
LOCATION - LAT 50 06 35 N
LONG 120 48 10 W
DRAINAGE AREA, 914 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	7 700	JUL	20 400
FEB	6 940	AUG	3 180
MAR	13 000	SEP	3 310
APR	27 400	OCT	3 480
MAY	86 400	NOV	13 700
JUN	46 000	DEC	3 970

TOTAL DISCHARGE, 237 000 dam³

COLDWATER RIVER NEAR BROOKMERE - STATION NO. 08LG048

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.200	1.800	2.65	2.73	20.6	37.2 A	7.46	2.04	0.781	0.832	3.20	1.85 B	1
2	1.400	1.760	2.51	3.56	21.9	30.0 E	10.2	1.82	2.14	0.836	3.21	1.71 B	2
3	1.650	1.700	2.46	3.40	21.9	23.8 E	8.42	1.86	1.85	0.826	8.63	1.70 B	3
4	1.900	1.600	2.40	3.39	20.6A	20.2 E	7.17	1.86	1.40	0.747	10.8	1.70 B	4
5	2.200	1.630	2.29	3.52	16.3A	19.0 E	6.74	1.80	1.19	0.899	6.79	1.62 B	5
6	2.500	1.700	2.31	3.70	21.7E	18.6 E	6.12	1.80	1.02	0.794	5.30	1.54 B	6
7	3.000	1.760	2.27	3.92	19.8E	19.4 E	5.40	1.58	0.984	0.726	4.35	1.50 B	7
8	3.500	1.850	2.31	3.84	16.9E	19.4 E	4.65	1.48	0.952	0.683	3.67	1.47 B	8
9	4.000	1.980	3.08	3.75	14.7	19.1 E	4.30	1.47	0.851	0.631	3.19	1.47 B	9
10	4.900	2.050	6.52	3.80	13.7	17.8 E	4.08	1.44	0.937	0.605	3.02	1.49 B	10
11	5.070	2.150	6.43	3.51	13.7	18.4 E	5.88	1.88	2.19	0.592	3.05	1.61 B	11
12	6.000	2.220	5.71	3.30	14.7	13.9 A	17.2	1.83	2.16	0.564	3.37	1.57 B	12
13	5.000	2.330	5.06	3.29	16.5	12.7	16.3	1.36	1.80	0.529	3.01	1.65 B	13
14	3.600	2.42	4.64	3.28	19.3	12.9	21.0	1.23	1.30	0.521	2.83	1.74 B	14
15	3.000	2.09	4.31	3.42	19.8	14.1	15.6	1.16	1.12	0.505	6.38	1.80 B	15
16	2.100	1.90	4.15	3.92	19.6A	12.1	11.7	1.07	1.04	0.501	12.8	1.40 B	16
17	2.300	2.11	4.03	4.97	18.7E	16.3 A	9.22	0.976	1.66	0.488	9.03	1.30 B	17
18	2.500	2.64	3.87	6.21	17.1A	14.7 E	7.08	0.925	1.80	0.517	6.39A	1.25 B	18
19	2.040	2.36	3.74	7.82	18.5	11.2 A	6.81	0.845	1.32	0.509	5.90E	1.18 B	19
20	1.950	2.20	3.64	9.57	25.9	9.09	5.88	0.766	1.17	0.544	5.20E	1.14 B	20
21	1.880	2.03	3.53	10.7	35.6	9.04	5.29	0.742	1.08	0.735	4.90E	1.08 B	21
22	1.820	2.10	3.56	11.1	36.0	9.28	4.71	0.696	1.03	2.50	3.85E	1.05 B	22
23	1.750	2.87	3.57	13.1	38.2	10.7	4.25	0.645	0.948	2.63	3.51A	1.00 B	23
24	1.700	3.15	3.62	16.2	41.4	9.48	3.82	0.594	0.856	1.91	3.55	0.9600	24
25	1.900	3.17	3.43	20.1 E	39.5	8.76	3.49	0.583	0.784	1.72	3.19	0.9400	25
26	2.100	3.04	3.35	18.1 E	36.2	9.67	3.25	0.553	0.748	2.03	2.97	0.9300	26
27	2.300	2.85	3.36	14.0 A	35.9	10.2	2.97	0.556	0.787	2.30	2.85	0.9500	27
28	2.050	2.75	3.32	13.6	40.7	9.61	2.83	0.586	0.777	2.20	2.86	0.9700	28
29	1.950		3.36	14.7	50.7	10.2	2.53	0.613	0.707	1.67	2.300	1.00 B	29
30	1.900		3.67	17.6	51.3	8.54	2.26	0.610	0.680	1.70	2.000	1.03 B	30
31	1.820		3.76		46.7		2.12	0.588		3.81		1.06 B	31
TOTAL	80.26	62.13	113.87	234.95	825.5	453.37	218.72	35.555	35.632	35.629	141.80	41.270	TOTAL
MEAN	2.59	2.22	3.67	7.83	26.6	15.1	7.06	1.15	1.19	1.15	4.73	1.33	MEAN
MAX	6.00	3.17	6.52	20.1	51.3	37.2	21.0	2.04	2.16	3.81	12.8	1.85	MAX
MIN	1.20	1.60	2.27	3.28	13.7	8.54	2.12	0.553	0.680	0.488	2.00	0.930	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.24
MAXIMUM DAILY, 51.3 ON MAY 30
MINIMUM DAILY, 0.488 ON OCT 17
MAXIMUM INSTANTANEOUS,
64.0 AT 20:21 PST ON MAY 29

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 51 20 N
LONG 120 54 27 W
DRAINAGE AREA, 316 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	6 940	JUL	18 900
FEB	5 370	AUG	3 070
MAR	9 840	SEP	3 080
APR	20 300	OCT	3 080
MAY	71 300	NOV	12 300
JUN	39 200	DEC	3 570

TOTAL DISCHARGE, 197 000 dam³

COLQUITZ RIVER AT VIOLET AVENUE - STATION NO. 08HA047

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.462	0.419	0.826	0.617	0.192	0.088	0.084	0.044	0.641	0.184	0.154	0.763	1
2	0.512	0.426	0.898	0.597	0.195	0.085	0.084	0.042	0.306	0.169	0.266	0.883	2
3	0.901	0.385	0.856	0.547	0.181	0.081	0.072	0.045	0.221	0.225	0.730	0.882	3
4	0.958	0.352	0.808	0.484	0.185	0.078	0.071	0.048	0.172	0.204	0.325	0.876	4
5	4.09	0.345	0.892	0.455	0.171	0.076	0.068	0.052	0.136	0.188	0.247	0.680	5
6	4.57	0.348	0.884	0.438	0.165	0.075	0.060	0.058	0.107	0.176	0.266	0.589	6
7	4.61	0.341	0.879	0.424	0.166	0.073	0.067	0.055	0.083	0.171	0.293	0.591	7
8	6.65	0.332	0.725	0.403	0.169	0.073	0.067	0.057	0.084	0.181	0.226	0.915	8
9	8.80	0.479	0.951	0.437	0.176	0.074	0.066	0.061	0.075	0.179	0.203	1.32	9
10	9.44	0.560	0.991	0.436	0.182	0.076	0.066	0.065	0.347	0.176	0.354	1.86	10
11	6.58	0.834	0.812	0.407	0.147	0.076	0.280	0.117	0.213	0.182	0.633	1.62	11
12	4.18	1.44	0.729	0.372	0.149	0.076	0.248	0.070	0.132	0.141	0.392	1.46	12
13	2.80	1.61	0.844	0.336	0.211	0.072	0.230	0.063	0.112	0.132	0.324	2.40	13
14	1.75	1.14	2.31	0.307	0.218	0.071	0.172	0.062	0.182	0.158	0.418	2.48	14
15	1.27	0.915	1.77	0.284	0.300	0.071	0.125	0.060	0.159	0.163	0.824	2.08	15
16	0.983	0.801	1.37	0.281	0.248	0.074	0.109	0.080	0.154	0.163	0.745	1.73	16
17	0.905	1.57	1.00	0.256	0.238	0.145	0.086	0.056	0.141	0.220	0.850	1.38	17
18	0.892	1.82	0.782	0.287	0.211	0.077	0.068	0.057	0.351	0.176	0.814	1.12	18
19	0.704	1.62	0.647	0.313	0.206	0.137	0.066	0.055	0.166	0.173	0.926	1.04	19
20	0.619	2.33	0.604	0.295	0.181	0.115	0.060	0.053	0.176	0.241	2.77	0.845	20
21	0.556	1.97	0.553	0.241	0.154	0.084	0.061	0.049	0.107	0.198	1.73	0.804	21
22	0.517	2.69	0.510	0.215	0.137	0.101	0.077	0.047	0.153	0.275	1.28	0.482	22
23	0.642	2.24	0.479	0.200	0.131	0.143	0.074	0.044	0.156	0.197	1.03	0.454	23
24	0.603	1.78	0.445	0.305	0.128	0.084	0.071	0.042	0.168	0.191	2.96	0.499	24
25	0.575	1.46	0.421	0.288	0.136	0.087	0.071	0.047	0.180	0.206	2.41	0.517	25
26	0.763	1.29	0.395	0.248	0.179	0.088	0.071	0.052	0.193	0.176	2.27	0.558	26
27	0.802	1.15	0.443	0.233	0.131	0.079	0.108	0.055	0.180	0.165	2.25	0.609	27
28	0.842	0.689	0.409	0.234	0.114	0.076	0.068	0.057	0.177	0.162	1.77	0.467	28
29	0.568		0.708	0.231	0.098	0.075	0.059	0.064	0.173	0.149	1.33	0.959	29
30	0.617		0.825	0.202	0.090	0.073	0.052	0.068	0.167	0.167	0.999	1.78	30
31	0.484		0.781		0.087		0.047	0.074		0.210		1.69	31
TOTAL	70.306	31.536	24.786	10.379	5.377	2.601	2.695	1.786	5.674	5.680	29.620	33.503	TOTAL
MEAN	2.27	1.13	0.800	0.346	0.173	0.086	0.087	0.058	0.189	0.183	0.988	1.08	MEAN
MAX	9.44	2.69	2.31	0.617	0.300	0.145	0.280	0.117	0.641	0.275	2.96	2.48	MAX
MIN	0.462	0.332	0.395	0.202	0.090	0.071	0.047	0.042	0.075	0.132	0.154	0.454	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.614
MAXIMUM DAILY, 9.44 ON JAN 10
MINIMUM DAILY, 0.042 ON AUG 2
MAXIMUM INSTANTANEOUS,
10.3 AT 23:05 PST ON JAN 9

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 28 03 N
LONG 123 23 56 W

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	6 070	JUL	289
FEB	2 730	AUG	155
MAR	2 140	SEP	490
APR	897	OCT	491
MAY	465	NOV	2 560
JUN	224	DEC	2 890

TOTAL DISCHARGE, 19 400 dam³

COLUMBIA RIVER ABOVE EAGLE CREEK - STATION NO. 08ND007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	196	928	731	869	192	407	17.2	1 290	888	18.4	505	1 120	1
2	265	1 120	711	539	305	350	17.6	1 380	964	118	495	1 120	2
3	580	1 130	632	452	314	317	19.1	1 380	1 130	384	472	926	3
4	578	1 120	578	733	301	46.6	16.7	1 390	1 170	481	575	1 000	4
5	277	1 050	616	868	424	21.6	44.0	1 420	1 010	743	410	1 100	5
6	208	789	494	706	405	488	54.5	1 410	672	743	634	1 080	6
7	369	873	578	858	149	474	23.5	1 389	867	716	789	1 110	7
8	226	968	774	933	11.4	443	15.1	1 170	1 130	334	951	1 100	8
9	325	1 010	785	878	370	511	39.7	1 080	1 050	184	1 000	1 110	9
10	498	915	987	802	424	486	24.6	1 040	839	8.87	808	733	10
11	483	771	728	881	353	115	266	1 110	479	595	415	813	11
12	502	547	847	398	357	34.1	92.6	1 240	586	1 110	384	815	12
13	551	289	586	530	208	437	363	1 200	413	1 110	380	527	13
14	714	406	616	757	93.1	421	674	1 220	406	1 110	455	607	14
15	973	610	683	676	116	400	1 030	1 090	389	1 110	557	750	15
16	887	827	718	299	487	428	1 210	1 080	370	1 070	532	864	16
17	701	719	732	257	444	183	1 270	1 080	240	1 120	484	711	17
18	764	584	683	508	370	25.7	1 330	898	214	1 130	337	789	18
19	863	552	624	588	357	19.9	1 070	778	484	1 120	337	848	19
20	782	380	487	615	389	154	317	848	521	1 130	382	1 100	20
21	776	408	676	480	59.6	147	229	530	867	1 130	802	1 080	21
22	920	479	752	522	26.6	171	386	483	526	1 110	1 120	1 130	22
23	806	483	740	307	15.0	119	1 330	780	575	1 030	1 010	1 140	23
24	985	250	822	277	298	60.7	1 170	855	422	931	1 120	1 180	24
25	867	486	857	517	218	16.4	914	744	532	516	889	1 080	25
26	937	675	833	925	267	13.8	1 350	832	483	829	924	895	26
27	776	476	683	463	421	128	1 330	777	529	880	906	821	27
28	819	647	638	432	86.2	237	1 330	703	480	750	987	1 050	28
29	750		806	463	33.0	144	1 360	780	371	476	1 030	1 080	29
30	880		810	198	321	76.3	1 180	795	389	520	882	752	30
31	885		811		385		1 210	803		604		459	31
TOTAL	20 206	18 333	22 066	16 655	8 219.1	6 636.2	19 857.1	31 087	18 646	22 613.67	20 596	28 732	TOTAL
MEAN	652	690	712	555	265	226	634	1 000	622	729	687	927	MEAN
MAX	987	1 130	857	958	487	511	1 380	1 420	1 170	1 130	1 120	1 150	MAX
MIN	196	289	487	198	11.4	13.8	16.1	483	214	8.87	337	459	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 643
MAXIMUM DAILY, 1 420 ON AUG 5
MINIMUM DAILY, 8.87 ON OCT 10
MAXIMUM INSTANTANEOUS,
1 820 AT 09:30 PST ON AUG 6

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 03 19 N
LONG 118 28 03 W
DRAINAGE AREA, 21 500 km²

REGULATED SINCE 1973

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 750 000	JUL	1 700 000
FEB	1 570 000	AUG	2 680 000
MAR	1 910 000	SEP	1 610 000
APR	1 440 000	OCT	1 950 000
MAY	710 000	NOV	1 780 000
JUN	573 000	DEC	2 480 000

TOTAL DISCHARGE, 20 300 000 dam³

COLUMBIA RIVER ABOVE STEAMBOAT RAPIDS - STATION NO. 08ND011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	186	1 020	840	881	808	1 360	738	1 830	1 180	812	282	1 000	1
2	252	1 180	826	886	516	1 370	830	1 890	1 380	443	309	1 100	2
3	483	1 210	769	836	683	1 240	880	2 080	1 480	483	449	1 160	3
4	741	1 210	724	822	864	1 080	706	2 030	1 610	862	489	1 130	4
5	877	1 170	741	881	886	788	713	1 980	1 590	748	313	1 130	5
6	343	871	632	716	820	813	763	1 980	1 210	1 010	127	977	6
7	278	948	855	862	711	1 240	803	1 950	1 110	983	131	933	7
8	449	1 060	845	1 120	843	1 250	763	1 820	1 200	614	137	1 160	8
9	299	1 080	815	1 030	407	1 210	812	1 630	1 380	574	143	1 180	9
10	430	852	861	990	715	1 240	777	1 550	1 050	416	149	1 000	10
11	570	862	865	968	727	1 180	848	1 880	785	148	374	997	11
12	804	745	786	863	661	728	1 830	1 710	675	0	503	1 110	12
13	866	626	702	520	860	638	1 700	1 770	711	0	606	862	13
14	846	331	736	804	595	937	1 880	1 880	808	0	517	865	14
15	874	861	781	823	440	1 030	1 850	1 700	866	0	446	467	15
16	859	728	888	765	573	1 040	1 920	1 430	539	0	278	471	16
17	850	781	807	414	884	1 190	2 030	1 450	531	0	184	487	17
18	781	737	823	444	874	1 040	2 010	1 380	377	0	243	615	18
19	735	842	781	882	718	725	2 130	1 080	389	0	445	784	19
20	848	888	886	708	727	865	1 230	985	561	0	438	684	20
21	888	436	868	731	801	880	821	875	870	0	898	832	21
22	884	808	877	784	523	616	751	707	676	0	853	876	22
23	980	571	884	716	533	845	1 210	784	818	0	1 020	876	23
24	944	487	885	572	885	661	1 890	1 010	704	0	1 180	880	24
25	1 080	840	953	867	988	886	1 410	948	884	0	1 030	889	25
26	1 050	721	928	841	1 020	482	1 870	1 020	854	0	875	788	26
27	888	885	955	905	984	485	1 980	1 060	850	2.18	888	803	27
28	863	550	844	734	1 110	613	1 930	1 010	862	0	1 070	578	28
29	881		869	722	1 020	774	1 930	1 090	801	0	1 020	585	29
30	899		872	710	1 120	816	1 880	1 100	498	0	1 080	564	30
31	833		903		1 480		1 780	1 120		5.56		305	31
TOTAL	21 842	22 155	25 487	22 645	23 214	27 014	42 365	44 290	25 187	6 870.75	16 087	25 763	TOTAL
MEAN	705	791	822	755	749	900	1 370	1 430	840	222	536	831	MEAN
MAX	1 080	1 210	972	1 120	1 480	1 370	2 130	2 080	1 610	1 010	1 180	1 190	MAX
MIN	186	331	632	414	407	482	620	707	389	0	127	305	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 630
MAXIMUM DAILY, 2 130 ON JUL 19
MINIMUM DAILY, 0 ON OCT 12
MAXIMUM INSTANTANEOUS,
2 180 AT 18:45 PST ON JUL 19

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 02 31 N
LONG 118 12 47 W
DRAINAGE AREA, 26 400 km²

REGULATED SINCE 1973

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 890 000	JUL	3 660 000
FEB	1 910 000	AUG	3 820 000
MAR	2 200 000	SEP	2 180 000
APR	1 960 000	OCT	594 000
MAY	2 010 000	NOV	1 390 000
JUN	2 330 000	DEC	2 230 000

TOTAL DISCHARGE, 26 200 000 dam³

COLUMBIA RIVER AT ATHALMER - STATION NO. 08NA004

DAILY WATER LEVEL IN METRES FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.963	0.924	0.911	0.839	0.964	1.750	1.600	1.682	1.386	1.184	1.082	0.984	1
2	0.960	0.922	0.912	0.845	0.956	1.789	1.789	1.660	1.382	1.176	1.110	0.988	2
3	0.954	0.920	0.912	0.840	0.970	1.854	1.782	1.642	1.370	1.166	1.106	0.978	3
4	0.951	0.916	0.912	0.836	0.971	1.902	1.790	1.635	1.362	1.161	1.096	0.984	4
5	0.952	0.913	0.911	0.834	0.976	1.914	1.780	1.620	1.380	1.156	1.090	0.987	5
6	0.953	0.910	0.910	0.833	0.978	1.916	1.778	1.610	1.358	1.150	1.082	0.968	6
7	0.953	0.904	0.910	0.837	0.986	1.932	1.760	1.594	1.341	1.156	1.090	0.936	7
8	0.952	0.903	0.908	0.832	0.984	1.985	1.761	1.590	1.335	1.150	1.089	0.926	8
9	0.957	0.905	0.908	0.830	0.987	2.006	1.778	1.579	1.332	1.144	1.084	0.923	9
10	0.960	0.902	0.907	0.830	0.990	2.002	1.775	1.586	1.316	1.142	1.080	0.922	10
11	0.962	0.910	0.908	0.828	0.992	2.002	1.774	1.570	1.330	1.140	1.078	0.921	11
12	0.961	0.901	0.908	0.816	0.991	1.976	1.822	1.568	1.298	1.136	1.072	0.920	12
13	0.963	0.904	0.910	0.814	0.988	1.954	1.950	1.571	1.290	1.131	1.067	0.916	13
14	0.965	0.905	0.910	0.812	1.004	1.936	1.997	1.558	1.288	1.128	1.062	0.912	14
15	0.961	0.908	0.902	0.811	1.011	1.932	1.986	1.550	1.276	1.123	1.058	0.911	15
16	0.958	0.908	0.890	0.810	1.018	1.924	1.964	1.541	1.270	1.123	1.052	0.912	16
17	0.954	0.910	0.890	0.810	1.036	1.924	1.902	1.532	1.266	1.121	1.050	0.914	17
18	0.950	0.913	0.892	0.810	1.038	1.912	1.868	1.498	1.250	1.118	1.050	0.912	18
19	0.947	0.910	0.891	0.810	1.044	1.898	1.872	1.498	1.249	1.118	1.045	0.910	19
20	0.942	0.908	0.878	0.812	1.050	1.868	1.859	1.498	1.244	1.112	1.042	0.906	20
21	0.940	0.905	0.872	0.818	1.058	1.864	1.864	1.485	1.238	1.109	1.040	0.903	21
22	0.938	0.905	0.871	0.818	1.102	1.825	1.826	1.471	1.229	1.124	1.038	0.902	22
23	0.938	0.904	0.865	0.825	1.128	1.812	1.798	1.459	1.222	1.089	1.036	0.896	23
24	0.935	0.903	0.865	0.848	1.140	1.808	1.784	1.434	1.218	1.092	1.028	0.892	24
25	0.931	0.908	0.857	0.888	1.198	1.802	1.787	1.424	1.219	1.088	1.024	0.889	25
26	0.924	0.912	0.853	0.910	1.248	1.770	1.774	1.420	1.214	1.084	1.021	0.888	26
27	0.931	0.910	0.852	0.918	1.324	1.768	1.760	1.410	1.206	1.090	1.017	0.882	27
28	0.930	0.910	0.851	0.926	1.430	1.772	1.735	1.406	1.200	1.088	1.013	0.878	28
29	0.930		0.852	0.932	1.526	1.778	1.708	1.403	1.198	1.084	1.008	0.878	29
30	0.928E		0.841	0.938	1.640	1.794	1.692	1.398	1.190	1.082	1.006	0.875	30
31	0.926E		0.840		1.692		1.678	1.394		1.080		0.876	31
MEAN	0.947	0.908	0.887	0.844	1.111	1.879	1.814	1.524	1.281	1.125	1.058	0.917	MEAN
MAX	0.965	0.924	0.912	0.938	1.692	2.006	1.997	1.682	1.386	1.184	1.110	0.984	MAX
MIN	0.924	0.901	0.840	0.810	0.954	1.760	1.678	1.394	1.190	1.080	1.006	0.875	MIN

SUMMARY FOR THE YEAR 1983

WATER LEVELS IN METRES

MEAN, 1.193
MAXIMUM DAILY, 2.006 ON JUN 9
MINIMUM DAILY, 0.810 ON APR 18

TYPE OF GAUGE - MANUAL
LOCATION - LAT 50 30 50 N
LONG 116 01 05 W

E - ESTIMATED

NATURAL FLOW

DRAINAGE AREA,
1 340 km²

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 797.896 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

COLUMBIA RIVER AT BIRCHBANK - STATION NO. 08NE049

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1 250	2 800	2 430	2 040	2 050	2 710	1 540	3 480	1 880	1 120	772	2 130	1
2	1 430	2 590	2 430	2 030	2 080	2 720	1 380	3 480	1 910	1 240	774	2 140	2
3	1 800	2 520	2 440	2 020	2 090	2 730	1 380	3 760	2 120	1 380	781	2 180	3
4	2 500	2 450	2 340	2 000	2 100	2 670	1 360	3 730	2 120	1 400	817	2 230	4
5	2 860	2 430	1 900	1 880	2 140	2 600	1 280	3 640	2 130	1 400	788	2 330	5
6	3 070	2 400	1 880	1 450	2 150	2 650	1 310	3 280	2 180	1 410	931	2 330	6
7	3 120	2 280	1 660	821	2 200	2 480	1 360	3 280	1 930	1 410	1 380	2 380	7
8	3 180	2 440	1 650	853	2 210	2 480	1 260	3 180	1 600	1 410	1 820	2 380	8
9	3 100	2 450	1 590	1 330	2 210	2 490	1 120	2 940	1 700	1 550	1 810	2 340	9
10	3 050	2 400	1 440	1 700	2 230	2 380	1 130	2 920	1 480	1 880	1 810	2 340	10
11	3 110	2 340	1 360	2 060	2 190	2 300	1 120	2 980	1 500	1 700	1 810	2 340	11
12	3 000	2 350	1 330	2 180	2 230	2 200	1 280	3 150	1 430	1 700	1 820	2 380	12
13	3 010	2 510	1 300	2 180	2 060	2 130	1 550	3 450	1 280	1 700	1 820	2 480	13
14	3 000	2 740	1 280	2 180	2 000	2 030	2 130	3 410	1 330	1 720	1 410	2 530	14
15	2 940	2 780	1 430	2 180	2 100	1 940	2 880	3 330	1 380	1 700	1 410	2 520	15
16	2 740	2 800	1 880	2 170	2 330	2 080	3 020	3 230	1 500	1 520	1 380	2 510	16
17	2 570	2 840	1 830	2 020	2 270	2 410	3 050	3 000	1 500	1 300	1 480	2 480	17
18	2 540	2 840	1 880	1 820	2 240	2 730	2 880	2 950	1 500	1 300	1 540	2 220	18
19	2 510	2 770	2 280	1 430	2 310	2 670	2 830	2 220	1 410	1 300	1 570	1 970	19
20	2 480	2 380	2 280	1 430	2 230	2 620	3 350	2 100	1 540	1 300	1 880	2 080	20
21	2 480	2 110	2 270	1 470	2 180	2 610	2 880	2 090	1 510	1 300	1 470	2 170	21
22	2 380	2 080	2 650	1 480	2 130	2 740	3 030	2 110	1 480	1 310	1 430	2 230	22
23	2 280	2 080	2 670	1 530	2 800	2 710	3 280	2 080	1 220	1 180	1 410	2 130	23
24	2 380	2 080	2 780	1 750	2 880	2 850	3 420	2 020	1 120	870	1 410	2 200	24
25	2 380	2 080	2 880	1 940	3 030	2 430	3 800	2 050	1 120	788	1 580	2 180	25
26	2 320	2 070	2 820	1 870	3 030	2 370	3 830	2 110	1 120	767	1 870	2 300	26
27	2 300	2 280	2 680	1 880	2 830	2 450	3 810	2 180	1 210	767	1 750	2 280	27
28	2 410	2 480	2 680	1 880	2 830	2 870	3 770	2 080	1 180	782	2 040	2 320	28
29	2 400		2 630	1 880	2 760	2 880	3 870	2 120	1 130	784	2 130	2 320	29
30	2 480		2 780	1 870	2 840	2 100	3 830	2 100	1 130	788	2 130	2 480	30
31	2 880		2 290		2 730		3 480	1 880		767		2 820	31
TOTAL	79 880	68 280	66 210	53 374	73 240	74 190	74 880	88 830	45 880	39 238	43 090	71 380	TOTAL
MEAN	2 580	2 440	2 140	1 780	2 380	2 470	2 410	2 770	1 530	1 270	1 440	2 300	MEAN
MAX	3 180	2 840	2 880	2 180	3 030	2 740	3 770	3 780	2 160	1 720	2 130	2 820	MAX
MIN	1 250	2 070	1 280	853	2 080	1 940	1 120	1 880	1 120	767	772	1 870	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGE IN CUBIC METRES PER SECOND

MEAN, 2 130
MAXIMUM DAILY, 3 770 ON JUL 28
MINIMUM DAILY, 853 ON APR 6
MAXIMUM INSTANTANEOUS,
3 880 AT 09:40 PST ON AUG 2

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 10 40 N
LONG 117 42 59 W
DRAINAGE AREA, 88 100 km²

REGULATED SINCE 1931

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	8 900 000	JUL	8 470 000
FEB	6 910 000	AUG	7 420 000
MAR	5 720 000	SEP	3 940 000
APR	4 610 000	OCT	3 290 000
MAY	6 230 000	NOV	3 730 000
JUN	8 410 000	DEC	6 160 000

TOTAL DISCHARGE, 87 000 000 dam³

COLUMBIA RIVER AT CASTLEGAR - STATION NO. 08NE002

DAILY WATER LEVEL IN METRES FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.886	3.637	3.533	3.387	2.733	2.237	0.837	4.704	3.188	1.646	0.374	2.987	1
2	2.438	3.636	3.557	3.384	2.621	2.246	0.345	4.863	3.356	1.835	0.374	3.019	2
3	3.365	3.609	3.586	3.370	2.331	2.266	0.369	5.198	3.663	2.235	0.388	3.041	3
4	4.130	3.576	3.365	3.375	2.639	2.173	0.330	5.185	3.666	2.289	0.418	3.210	4
5	4.422	3.563	2.499	3.046	2.640	2.097	0.234	5.002	3.569	2.302	0.381	3.365	5
6	4.421	3.523	2.067	2.090	2.635	2.028	0.272	4.712	3.677	2.306	0.984	3.354	6
7	4.428	3.481	2.068	0.619	2.663	1.934	0.367	4.714	3.450	2.303	2.190	3.365	7
8	4.464	3.505	2.065	0.456	2.681	1.920	0.211	4.538	2.927	2.302	2.748	3.370	8
9	4.289	3.510	1.851	2.003	2.671	1.843	0.063	4.268	2.809	2.661	2.780	3.373	9
10	4.221	3.443	1.367	2.873	2.898	1.772	0.056	4.261	2.520	2.922	2.773	3.366	10
11	4.232	3.367	1.131	3.482	2.891	1.686	0.041	4.316	2.519	2.933	2.782	3.369	11
12	4.197	3.376	1.100	3.853	2.900	1.562	0.238	4.541	2.314	2.938	2.774	3.375	12
13	4.211	3.673	1.069	3.845	2.868	1.482	0.764	4.730	1.906	2.938	2.521	3.440	13
14	4.206	4.017	1.072	3.849	2.850	1.371	2.104	4.715	1.913	2.840	2.286	3.481	14
15	4.187	4.006	1.761	3.863	2.861	1.271	3.210	4.686	1.924	2.848	2.293	3.476	15
16	3.873	4.089	2.711	3.862	3.128	1.886	3.918	4.846	1.942	2.466	2.163	3.472	16
17	3.612	4.161	2.712	3.205	3.128	2.001	3.940	4.324	1.927	2.069	2.097	3.387	17
18	3.614	4.282	2.825	2.502	3.186	3.182	3.878	3.773	1.938	2.089	2.067	2.886	18
19	3.607	3.986	3.573	2.101	3.151	3.158	3.817	3.387	1.917	2.057	2.054	2.474	19
20	3.587	3.318	3.575	2.066	3.164	3.120	4.393	3.212	1.947	2.048	1.876	2.582	20
21	3.603	2.903	3.803	2.100	3.131	3.237	3.883	3.207	1.930	2.062	1.641	2.724	21
22	3.587	2.876	4.220	2.117	3.113	3.513	3.980	3.200	1.808	2.068	1.828	2.883	22
23	3.376	2.909	4.257	2.134	3.269	3.502	4.341	3.202	1.584	1.665	1.619	2.847	23
24	3.289	2.915	4.434	2.421	3.412	3.361	4.579	3.198	1.540	0.715	1.502	3.144	24
25	3.311	2.591	4.586	2.828	3.801	2.882	4.676	3.228	1.537	0.389	1.648	3.381	25
26	3.288	2.670	4.532	2.640	3.373	2.846	4.978	3.241	1.548	0.350	1.861	3.402	26
27	3.298	3.288	4.585	2.631	2.871	3.128	4.786	3.282	1.557	0.348	2.218	3.393	27
28	3.302	3.642	4.804	2.806	2.610	3.463	4.952	3.229	1.856	0.347	2.882	3.409	28
29	3.303		4.578	2.618	2.580	3.221	4.880	3.238	1.858	0.346	2.999	3.421	29
30	3.405		4.404	2.818	2.511	2.180	4.727	3.231	1.853	0.345	3.001	3.471	30
31	3.626		3.889		2.261		4.715	3.189		0.370		3.768	31
MEAN	3.704	3.501	3.076	2.894	2.836	2.444	2.584	4.038	2.311	1.842	1.803	3.231	MEAN
MAX	4.464	4.282	4.588	3.853	3.501	3.513	4.978	5.198	3.677	2.946	3.001	3.768	MAX
MIN	1.886	2.670	1.069	0.456	2.261	1.271	0.041	3.198	1.537	0.345	0.374	2.474	MIN

SUMMARY FOR THE YEAR 1983

WATER LEVELS IN METRES

MEAN, 2.856
MAXIMUM DAILY, 5.198 ON AUG 3
MINIMUM DAILY, 0.041 ON JUL 11
MAXIMUM INSTANTANEOUS,
5.230 AT 10:45 PST ON AUG 3

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 19 56 N
LONG 117 40 23 W

REGULATED SINCE 1968

DRAINAGE AREA,
36 500 km²

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 417.094 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

COLUMBIA RIVER AT DONALD - STATION NO. 08NB005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	42.88	38.28	44.5E	39.6	107	549	413	378	249	84.0	70.4	33.48	1
2	42.78	39.18	44.9E	39.5	107	538	393	385	256	80.9	75.5	29.18	2
3	43.28	39.98	45.0E	39.3	109A	521	414	385	257	79.4	75.6	29.78	3
4	43.68	39.58	45.9E	40.6	111	513	421	374	264	76.5	80.9	30.08	4
5	43.58	39.78	45.6E	41.0	116	505	430	364	237	76.6	84.1	30.58	5
6	43.98	38.08	45.5E	40.9	120	503	425	366	215	74.7A	84.9	30.88	6
7	43.88	34.68	45.8E	42.6	132	511	468	387	194	71.9	81.7	31.28	7
8	43.88	34.68	47.0E	46.1	143	536	482	383	176	69.3	76.6	30.68	8
9	44.08	36.58	49.2A	45.0	144	542	490	371	162	66.6	72.6	31.08	9
10	44.58	37.98	52.4A	44.2	138	530	490	373	149	65.4	66.9	32.98	10
11	44.38	38.38	55.7A	43.0	132	516	490	378	138	64.1	67.6	34.48	11
12	44.18	38.98	53.2A	41.6	128	486	516	406	131	63.0	66.7	36.08	12
13	44.38	39.98	50.0A	40.7	129	473	576	386	126	61.7	66.7	37.28	13
14	44.48	40.28	49.1E	38.7	133	468	587	384	122	61.6	64.3	37.08	14
15	44.38	40.88	49.1E	39.6	139	477	583	378	120	62.7	63.8	36.68	15
16	42.98	40.98	46.3E	40.5	146	498	568	365	119	62.1	63.6	33.98	16
17	38.68	40.18	46.8A	41.3	151	490	567	341	121	60.6	62.9	36.78	17
18	37.58	40.28	44.6	44.2	154	467	559	336	118	59.3	61.7	37.28	18
19	40.08	40.58	42.6	49.1	158	456	544	314	110	58.6	60.2	34.38	19
20	43.48	40.08	40.9	54.4	166	435	536	301	104	57.9	58.3	32.18	20
21	43.48	39.98	40.5	60.5	163	415	520	287	98.4	57.3	56.3	32.08	21
22	42.48	39.88	40.1	66.6	173	406	490	270	95.6	58.1	55.1	31.78	22
23	41.88	39.68	40.1	74.2	191	409	469	259	93.6	60.6	54.6	31.78	23
24	41.88	40.78	40.2	82.4	226	420	457	251	92.6	59.9	53.5	32.18	24
25	41.28	42.78	40.3	111	266	435	451	256	92.9	58.7	52.6	32.78	25
26	41.08	44.08	40.2	125	313	396	461	269	95.6	60.9	51.5	32.88	26
27	41.48	43.98	39.4	126	338	377	452	248	100	69.9	51.0	32.08	27
28	41.18	43.08	39.0	120	374	373	366	244	101	71.4	51.7	32.18	28
29	41.08		39.4	111	444	386	376	236	97.6	69.8	46.88	33.08	29
30	40.88		39.9	106	518	611	389	223	89.9	65.9	38.58	33.38	30
31	39.28		40.0		553		370	244		65.7		33.08	31
TOTAL	1 314.6	1 112.0	1 385.4	1 839.2	6 206	14 078	14 576	10 112	4 312.6	2 058.1	1 917.3	1 024.2	TOTAL
MEAN	42.4	39.7	44.7	61.3	200	469	470	326	144	66.4	63.9	33.0	MEAN
MAX	44.5	44.0	55.7	126	553	549	587	406	267	84.0	84.9	37.2	MAX
MIN	37.5	34.6	39.0	39.3	107	373	366	223	89.9	57.3	38.5	29.1	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 164
MAXIMUM DAILY, 587 ON JUL 14
MINIMUM DAILY, 29.18 ON DEC 2
MAXIMUM INSTANTANEOUS,
601 AT 16:50 MST ON JUL 16

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 28 60 N
LONG 117 10 45 W
DRAINAGE AREA, 9 710 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	114 000	JUL	1 260 000
FEB	96 100	AUG	874 000
MAR	120 000	SEP	373 000
APR	159 000	OCT	178 000
MAY	536 000	NOV	166 000
JUN	1 220 000	DEC	88 500

TOTAL DISCHARGE, 5 180 000 dam³

COLUMBIA RIVER AT HUGH KEENLEYSIDE DAM TAILRACE - STATION NO. 08NE105

DAILY WATER LEVEL IN METRES FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	22.718	24.497	24.398	24.258	23.586	23.064	21.699	25.584	24.047	22.378	21.190	23.844	1
2	23.296	24.482	24.427	24.236	23.657	23.079	21.166	25.774	24.226	22.605	21.194	23.868	2
3	24.243	24.463	24.456	24.221	23.680	23.063	21.194	25.972	24.526	23.113	21.209	23.887	3
4	25.002	24.433	24.207	24.224	23.668	22.958	21.150	26.063	24.526	23.147	21.232	24.073	4
5	25.302	24.432	23.347	23.902	23.686	22.911	21.039	25.865	24.527	23.183	21.211	24.212	5
6	25.295	24.375	22.905	22.915	23.686	22.868	21.086	25.578	24.526	23.184	21.843	24.209	6
7	25.302	24.336	22.906	21.428	23.716	22.763	21.216	25.575	24.275	23.184	22.073	24.209	7
8	25.315	24.380	22.910	21.315	23.709	22.749	21.021	25.375	23.760	23.184	23.607	24.224	8
9	25.186	24.372	22.692	22.857	23.721	22.776	20.868	25.105	23.629	23.631	23.622	24.228	9
10	25.085	24.295	22.294	23.744	23.746	22.592	20.885	25.104	23.382	23.787	23.636	24.219	10
11	25.087	24.229	21.970	24.354	23.738	22.512	20.861	25.187	23.382	23.787	23.630	24.218	11
12	25.073	24.233	21.942	24.518	23.747	22.380	21.054	25.420	23.118	23.785	23.631	24.227	12
13	25.075	24.537	21.904	24.512	23.711	22.304	21.685	25.585	22.744	23.782	23.388	24.295	13
14	25.070	24.484	21.905	24.518	23.704	22.170	22.874	25.573	22.785	23.782	23.183	24.342	14
15	25.034	24.963	22.817	24.518	23.622	22.109	24.110	25.543	22.786	23.786	23.185	24.329	15
16	24.729	24.952	23.563	24.513	23.983	22.891	24.783	25.504	22.785	23.271	22.991	24.324	16
17	24.475	25.035	23.584	24.141	23.982	23.402	24.813	25.152	22.774	22.887	22.884	24.295	17
18	24.472	25.168	23.810	23.338	24.008	24.035	24.477	24.885	22.779	22.909	22.968	23.879	18
19	24.462	24.837	24.460	22.948	24.009	24.009	24.802	24.295	22.782	22.898	22.907	23.302	19
20	24.443	24.167	24.450	22.824	24.019	23.981	25.212	24.049	22.791	22.898	22.895	23.291	20
21	24.463	23.747	24.685	22.848	23.978	24.108	24.745	24.046	22.782	22.817	22.469	23.585	21
22	24.426	23.729	25.101	22.885	23.973	24.378	24.649	24.053	22.826	22.918	22.459	23.720	22
23	24.223	23.756	25.139	22.981	24.139	24.385	25.221	24.041	22.390	22.340	22.448	23.690	23
24	24.136	23.767	25.327	23.286	24.273	24.184	25.458	24.048	22.379	21.486	22.435	23.994	24
25	24.161	23.741	25.478	23.463	24.387	23.836	25.757	24.077	22.379	21.186	22.460	24.221	25
26	24.144	23.723	25.430	23.490	24.194	23.791	25.631	24.086	22.390	21.175	22.465	24.256	26
27	24.147	24.157	25.485	23.483	23.663	23.894	25.685	24.098	22.387	21.189	23.074	24.232	27
28	24.147	24.408	25.481	23.456	23.231	24.243	25.620	24.079	22.389	21.186	23.741	24.259	28
29	24.146		25.478	23.486	23.364	24.045	25.720	24.083	22.386	21.185	23.861	24.273	29
30	24.355		25.281	23.482	23.316	22.971	25.586	24.075	22.386	21.186	23.847	24.317	30
31	24.484		24.541		23.078		25.574	24.042		21.189		24.640	31
MEAN	24.564	24.360	23.941	23.546	23.780	23.282	23.631	24.891	23.151	22.680	22.748	24.078	MEAN
MAX	25.315	25.168	25.485	24.518	24.357	24.378	25.631	26.072	24.538	23.788	23.861	24.640	MAX
MIN	22.718	23.723	21.904	21.315	23.078	22.109	20.885	24.041	22.379	21.185	21.190	23.302	MIN

SUMMARY FOR THE YEAR 1983

WATER LEVELS IN METRES

MEAN, 23.704
MAXIMUM DAILY, 26.072 ON AUG 3
MINIMUM DAILY, 20.885 ON JUL 10
MAXIMUM INSTANTANEOUS,
26.137 AT 09:26 PST ON AUG 3

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 20 20 N
LONG 117 45 51 W

REGULATED SINCE 1968

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 396.240 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

COLUMBIA RIVER AT INTERNATIONAL BOUNDARY - STATION NO. 08NE056

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1 630	3 200	3 340	2 780	3 110	4 930	2 940	4 190	2 190	1 670	1 440	2 890	1
2	1 630	3 030	3 340	2 670	3 200	4 840	2 890	4 050	2 320	1 670	1 510	2 840	2
3	2 370	3 060	3 340	2 720	3 230	4 730	2 820	4 300	2 450	2 040	1 580	2 700	3
4	2 820	3 110	3 280	2 880	3 310	4 390	2 880	4 220	2 480	2 080	1 780	2 740	4
5	3 510	3 080	2 940	2 940	3 340	4 250	2 700	4 050	2 490	2 090	1 440	2 890	5
6	3 680	3 060	2 880	2 310	3 400	4 050	2 610	3 760	2 530	2 100	1 460	2 920	6
7	3 860	3 000	2 730	1 750	3 430	3 960	2 880	3 760	2 440	2 110	1 670	2 890	7
8	3 710	3 080	2 720	1 330	3 480	3 980	2 700	3 770	2 080	2 080	2 060	2 920	8
9	3 340	3 080	2 860	2 010	3 430	4 050	2 640	3 430	2 080	2 170	1 970	3 030	9
10	3 280	3 110	2 560	2 480	3 370	4 020	2 880	3 240	2 040	2 400	2 060	2 890	10
11	3 240	3 200	2 570	2 030	3 260	4 020	2 240	3 240	1 880	2 500	1 970	2 860	11
12	3 280	3 140	2 430	3 030	3 260	3 880	2 870	3 710	2 010	2 430	2 160	3 060	12
13	3 110	3 240	2 380	3 030	3 170	3 840	2 810	3 820	1 840	2 810	2 160	3 170	13
14	3 170	3 540	2 380	2 970	3 110	3 710	3 000	3 760	1 810	2 810	2 120	3 280	14
15	3 000	3 030	2 470	2 880	3 340	3 710	3 820	3 820	2 040	2 480	2 100	3 110	15
16	2 930	3 570	3 030	2 800	3 510	3 480	4 420	3 710	2 170	2 300	2 100	3 080	16
17	2 760	3 570	2 970	2 700	3 510	3 820	4 470	3 580	2 210	2 070	2 120	2 940	17
18	2 710	3 710	3 110	2 440	3 570	3 850	4 450	3 090	2 200	2 090	2 230	2 700	18
19	2 700	3 480	3 480	2 250	3 500	3 740	4 450	2 770	2 130	2 170	2 410	2 520	19
20	2 880	3 200	3 450	2 240	3 570	3 770	4 840	2 620	2 320	2 190	2 560	2 480	20
21	2 920	2 920	3 480	2 230	3 370	3 700	4 020	2 240	2 190	2 130	2 280	2 570	21
22	2 940	2 840	3 850	2 320	3 280	4 080	4 020	2 500	2 180	2 000	2 280	2 880	22
23	2 800	2 880	3 710	2 450	3 880	3 940	4 110	2 550	1 840	1 880	2 420	2 590	23
24	2 920	2 940	3 880	2 770	4 180	3 850	4 080	2 230	1 800	1 550	2 480	2 540	24
25	3 000	2 840	3 780	3 170	4 500	3 880	4 380	2 420	1 530	1 530	2 550	2 480	25
26	3 030	2 880	3 000	3 280	4 810	3 510	4 730	2 580	1 700	1 550	2 600	2 550	26
27	3 000	3 140	3 020	3 240	4 780	3 370	4 470	2 610	1 780	1 480	2 820	2 550	27
28	3 030	3 240	3 880	3 270	4 780	3 600	4 580	2 600	1 740	1 270	2 970	2 680	28
29	3 030		3 820	3 110	4 030	3 570	4 580	2 600	1 880	1 320	3 020	2 810	29
30	3 030		3 800	3 000	5 100	3 200	4 300	2 570	1 880	1 100	3 000	2 940	30
31	3 230		3 000		5 070		4 180	2 200		1 270		3 110	31
TOTAL	92 990	88 180	97 260	78 770	115 670	117 240	112 000	100 120	61 850	61 190	65 000	88 900	TOTAL
MEAN	3 000	3 100	3 140	2 680	3 730	3 910	3 620	3 230	2 080	1 970	2 170	2 900	MEAN
MAX	3 860	3 710	3 780	3 270	5 100	4 930	4 840	4 300	2 530	2 910	3 020	3 280	MAX
MIN	1 630	2 880	2 380	1 330	3 110	3 200	2 240	2 200	1 530	1 100	1 440	2 480	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2 980
MAXIMUM DAILY, 5 100 ON MAY 30
MINIMUM DAILY, 1 100 ON OCT 30
MAXIMUM INSTANTANEOUS,
5 270 AT 12:15 PST ON JUL 26

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 00 03 N
LONG 117 37 40 W
DRAINAGE AREA, 155 000 km²

REGULATED SINCE 1931

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	9 020 000	JUL	9 680 000
FEB	7 710 000	AUG	8 650 000
MAR	8 400 000	SEP	5 340 000
APR	6 800 000	OCT	5 280 000
MAY	9 980 000	NOV	5 620 000
JUN	10 100 000	DEC	7 510 000

TOTAL DISCHARGE, 93 200 000 dam³

COLUMBIA RIVER AT NICHOLSON - STATION NO. 08NA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	30.48	27.28	30.98	25.9	54.0	257	235	225	142	50.0	40.2	22.7	1
2	30.38	27.98	31.08	25.0	53.6	274	239	222	143	48.3	47.5	19.5	2
3	30.98	28.48	30.9	25.2	55.2	291	243	219	144	47.5	48.1	19.7	3
4	31.08	28.18	31.6	25.9	57.1	309	245	219	145	46.9	47.2	20.08	4
5	31.08	28.28	31.6	25.4	59.7	321	247	220	145	46.1	49.2	20.48	5
6	31.08	27.98	31.2	25.3	61.6	331	245	221	136	45.2	51.1	20.88	6
7	31.08	25.08	31.3	25.7	64.1	335	250	219	123	44.4	49.2	21.48	7
8	31.08	24.88	32.6	26.0	68.5	335	251	217	108	42.4	45.5	21.18	8
9	31.28	25.88	35.0	26.7	71.8	334	252	217	98.3	41.4	44.1	21.88	9
10	31.78	27.08	36.8	26.1	71.1	334	254	217	89.9	40.6	40.5	23.08	10
11	31.18	27.48	38.0	25.4	66.6	334	255	218	84.7	40.5	40.5	24.38	11
12	31.28	27.68	36.2	25.2	64.3	332	270	224	78.5	40.3	40.2	25.48	12
13	31.68	28.38	34.6	24.5	64.5	332	277	224	74.7	39.3	40.0	26.08	13
14	31.68	28.08	33.6	23.6	66.0	330	284	225	72.2	39.3	39.8	26.08	14
15	31.48	28.68	33.7	23.2	69.4	321	332	228	69.7	39.8	38.9	25.88	15
16	30.48	28.68	32.8	23.5	71.8	314	377	228	69.9	39.6	38.0	25.78	16
17	28.08	28.78	31.9	23.9	74.6	309	383	221	68.3	39.0	38.9	26.08	17
18	28.58	28.78	30.8	24.7	76.6	302	382	215	66.0	38.0	38.3	26.48	18
19	28.58	28.88	28.5	26.1	78.3	297	378	206	65.1	38.0	37.5	24.08	19
20	31.38	28.68	27.7	28.9	80.4	294	361	198	61.5	37.5	36.4	22.98	20
21	31.58	28.48	27.8	30.1	80.7	286	344	184	57.9	37.5	35.1	22.88	21
22	30.38	28.38	27.9	32.6	86.9	278	328	171	56.7	37.0	35.7	22.88	22
23	29.88	28.28	27.1	35.5	97.6	267	310	161	55.7	37.2	34.8	23.08	23
24	29.88	29.58	26.9	39.4	110	261	294	152	54.9	38.1	34.6	23.68	24
25	29.48	30.48	27.1	53.4	126	258	282	150	55.0	38.4	33.3	23.98	25
26	28.18	31.48	28.7	84.2	143	248	274	150	55.7	37.8	33.5	23.68	26
27	28.48	31.38	28.0	89.4	155	240	264	150	57.9	38.7	34.1	23.58	27
28	28.48	30.98	25.6	83.6	176	238	258	147	61.8	40.3	34.3	23.68	28
29	28.08		26.1	57.0	180	234	250	146	61.7	40.8	30.5	24.58	29
30	28.98		25.8	54.2	213	235	241	143	63.2	38.9	28.6	24.78	30
31	27.88		26.0		238		234	141		38.1		24.58	31
TOTAL	935.4	793.3	944.9	1 003.6	2 946.8	8 823	8 878	8 074	2 586.3	1 288.0	1 182.5	723.6	TOTAL
MEAN	30.2	28.3	30.5	33.5	95.1	294	286	186	85.5	40.9	39.4	23.3	MEAN
MAX	31.8	31.4	38.0	89.4	238	335	393	228	148	50.0	51.1	28.4	MAX
MIN	26.5	24.2	25.8	23.2	53.8	234	234	141	53.2	37.0	28.6	19.5	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 99.0
MAXIMUM DAILY, 393 ON JUL 17
MINIMUM DAILY, 19.5 ON DEC 2

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 14 38 N
LONG 116 54 42 W
DRAINAGE AREA, 6 660 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	80 800	JUL	787 000
FEB	68 500	AUG	535 000
MAR	81 500	SEP	232 000
APR	86 700	OCT	110 000
MAY	255 000	NOV	102 000
JUN	762 000	DEC	62 500

TOTAL DISCHARGE, 3 120 000 dam³

COLUMBIA RIVER AT REVELSTOKE - STATION NO. 08ND002

DAILY WATER LEVEL IN METRES FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	9.728	10.189	9.930	9.978	9.429	10.686	10.088	14.011	13.467	13.879	11.831	11.753	1
2	9.704	10.360	9.905	9.973	9.451	10.889	10.039	14.052	13.555	13.822	11.719	11.782	2
3	9.872	10.411	9.920	9.905	9.884	10.938	10.183	14.058	13.587	13.736	11.782	11.811	3
4	10.100	10.407	9.761	9.882	9.882	10.331	10.287	14.026	13.831	13.678	11.880	11.817	4
5	9.785	10.368	9.781	9.886	9.880	9.935	10.401	13.969	13.851	13.868	11.885	11.805	5
6	9.378	10.080	9.800	9.739	9.845	9.847	10.805	13.891	13.897	13.858	11.974	11.788	6
7	9.198	10.017	9.821	9.858	9.787	10.521	10.785	13.853	13.839	13.686	11.913	11.800	7
8	9.476	10.219	9.940	10.288	9.485	10.504	10.917	13.849	13.852	13.883	11.782	11.788	8
9	9.183	10.244	10.032	10.188	9.228	10.485	11.084	13.835	13.827	13.890	11.881	11.781	9
10	9.388	10.085	9.951	10.094	9.772	10.500	11.212	13.828	13.884	13.859	11.842	11.723	10
11	9.569	9.975	9.935	10.048	9.794	10.384	11.457	13.854	13.859	13.303	11.470	11.810	11
12	9.634	9.802	9.866	9.827	9.713	9.839	12.367	13.861	13.840	13.132	11.413	11.590	12
13	9.612	9.463	9.717	9.386	9.734	9.688	12.731	13.862	13.838	12.980	11.389	11.583	13
14	9.708	9.030	9.771	9.859	9.548	10.157	13.108	13.820	13.884	12.787	11.344	11.406	14
15	10.187	9.893	9.861	9.882	9.388	10.313	13.380	13.871	13.899	12.609	11.383	11.132	15
16	10.162	9.780	10.018	9.898	9.870	10.328	13.590	13.778	13.704	12.481	11.261	10.894	16
17	10.001	9.848	9.898	9.200	10.011	10.495	13.741	13.898	13.702	12.344	11.174	10.818	17
18	9.831	9.785	9.891	9.271	10.012	10.418	13.886	13.883	13.635	12.248	11.124	10.795	18
19	9.838	9.827	9.848	9.708	9.771	10.001	14.068	13.847	13.833	12.157	11.113	10.822	19
20	10.021	9.852	9.870	9.738	9.802	9.911	14.044	13.818	13.834	12.027	11.078	11.031	20
21	10.084	9.214	9.854	9.790	9.832	9.841	13.989	13.878	13.858	11.920	11.118	10.982	21
22	10.088	9.882	9.881	9.884	9.816	9.850	13.932	13.827	13.883	11.822	11.283	10.929	22
23	10.224	9.498	9.880	9.784	9.884	9.897	13.816	13.681	13.708	11.711	11.408	11.018	23
24	10.193	9.380	10.017	9.848	9.784	9.918	14.008	13.690	13.747	11.708	11.582	11.014	24
25	10.318	9.432	10.088	9.708	10.245	9.836	13.996	13.686	13.771	11.689	11.630	10.988	25
26	10.263	9.738	10.048	9.853	10.248	9.871	14.017	13.682	13.787	11.670	11.674	10.928	26
27	10.036	9.713	10.077	9.884	10.170	9.837	14.043	13.648	13.813	11.625	11.683	10.817	27
28	10.042	9.818	10.054	9.752	10.388	9.880	14.036	13.658	13.850	11.608	11.789	10.811	28
29	10.041		9.871	9.786	10.312	10.118	14.021	13.634	13.884	11.580	11.780	10.421	29
30	10.038		10.100	9.783	10.470	10.198	14.014	13.641	13.878	11.582	11.787	10.382	30
31	10.078		10.005		10.620		13.994	13.648		11.601		10.344	31
MEAN	9.884	9.822	9.895	9.788	9.834	10.183	12.843	13.748	13.878	12.823	11.540	11.220	MEAN
MAX	10.318	10.411	10.100	10.288	10.620	10.686	14.068	14.058	13.878	13.879	11.974	11.817	MAX
MIN	9.183	9.030	9.800	9.200	9.228	9.837	10.039	13.634	13.467	11.582	11.078	10.344	MIN

WATER LEVELS IN METRES

MEAN, 11.248
MAXIMUM DAILY, 14.068 ON JUL 19
MINIMUM DAILY, 9.030 ON FEB 14
MAXIMUM INSTANTANEOUS,
14.322 AT 17:30 PST ON JUL 19

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 426.717 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 00 38 N
LONG 118 13 09 W

REGULATED SINCE 1973

DRAINAGE AREA,
38 700 km²

COLUMBIA RIVER NEAR FAIRMONT HOT SPRINGS - STATION NO. 08NA045

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.79	3.72	3.68	3.20E	5.03	31.6	26.7	16.1	8.33	4.88	4.26	2.71	1
2	3.83	3.66	3.71	3.20E	5.21	33.8	26.5	15.8	8.64	4.74	4.81	2.80	2
3	3.85	3.66	3.72	3.20E	5.42	34.1	25.9	15.6	8.08	5.02	4.67	2.75	3
4	3.84	3.65	3.72	3.16E	5.32	35.1	25.2	14.4	7.82	4.88	4.68	2.40	4
5	3.87	3.63	3.71	3.12E	5.19	35.1	24.3	13.8	7.19	4.86	4.89	2.60	5
6	3.91	3.57	3.62	3.09A	5.90	34.9	23.0	13.7	7.45	4.85	4.84	2.51	5
7	4.06	3.56	3.55E	3.35	6.32	34.2	23.9	12.7	6.74	4.72	4.48	2.48	7
8	4.21	3.63	3.60E	2.83	5.89	35.1	24.4	12.5	6.63	4.97	4.50	2.49	8
9	4.15	3.64	3.70E	3.02	5.05	36.0	23.5	12.3	6.55	4.60	4.56	2.68	9
10	4.02	3.64	3.80E	3.57	5.22	37.2	22.6	12.3	7.01	4.51	4.38	2.85	10
11	4.23	3.80	3.70E	2.99	5.50	35.1	23.4	13.2	6.58	4.55	4.49	2.97	11
12	4.09	3.83	3.60E	2.70	5.52	34.2	24.1	13.3	6.16	4.56	4.47	3.12	12
13	3.90	3.71	3.50E	2.74	5.71	32.9	27.0	12.4	6.20	4.50	4.52	3.16	13
14	3.76	3.76	3.58E	2.77	5.94	31.9	27.2	11.8	5.91	4.53	4.64	3.20	14
15	3.73	3.71	3.69E	2.79	6.05	31.6	27.2	11.4	6.22	4.51	4.81	3.27	15
16	3.73	3.64	3.64E	2.83	6.15	30.9	26.6	10.7	5.88	4.48	4.48	3.14	16
17	3.74	3.76	3.53E	2.83	6.48	30.7	25.7	10.3	5.55	4.48	4.37	2.98	17
18	3.76	3.67	3.40E	2.86	6.34	30.1	25.0	9.56	5.58	4.45	4.18	2.49	18
19	3.74	3.68	3.27E	2.90	6.66	29.6	23.8	9.85	5.49	4.70	4.13	2.10	19
20	3.71	3.81	3.14E	3.00	6.88	28.1	23.9	9.20	5.52	4.60	3.96	2.00E	20
21	3.75	3.62	3.16E	3.06	7.01	26.3	23.3	8.77	5.45	4.45	4.00	1.90E	21
22	3.83	3.80	3.18E	2.87	7.89	25.3	22.2	8.73	5.48	4.58	4.13	1.85E	22
23	3.72	3.68	3.20E	3.17	8.78	24.5	21.3	8.85	5.44	4.40	3.94	2.00E	23
24	3.70	3.78	3.25E	3.45	10.1	26.3	20.9	9.15	5.45	4.45	3.81	1.90E	24
25	3.72	3.82	3.30E	4.60	12.0	25.7	20.7	8.88	5.88	4.34	3.90	2.00E	25
26	3.76	3.83	3.27E	4.58	14.0	24.8	20.8	8.76	5.47	4.74	4.07	2.30E	26
27	3.81	3.73	3.22E	4.56	16.5	24.6	19.3	8.36	4.55	4.60	3.94	2.40E	27
28	3.81	3.66	3.20E	4.80	19.5	24.7	18.8	8.53	5.01	4.13	3.45	2.30E	28
29	3.76		3.10E	4.73	23.3	25.0	17.5	8.36	4.87	4.12	3.25	2.20E	29
30	3.72		3.14E	4.53	27.5	26.6	16.9	8.07	4.84	4.29	3.07	2.40E	30
31	3.72		3.18E		30.0		16.4	8.01		4.45		2.55E	31
TOTAL	119.34	103.47	107.06	100.50	292.27	918.0	718.1	345.46	185.77	141.56	127.52	78.60	TOTAL
MEAN	3.85	3.70	3.45	3.35	9.43	30.5	23.2	11.1	6.19	4.57	4.25	2.54	MEAN
MAX	4.23	3.83	3.80	4.80	30.0	37.2	27.2	16.1	8.64	5.02	4.84	3.27	MAX
MIN	3.70	3.56	3.10	2.70	5.03	24.5	16.4	8.01	4.55	4.12	3.07	1.90	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.86
MAXIMUM DAILY, 37.2 ON JUN 10
MINIMUM DAILY, 1.90E ON DEC 21
MAXIMUM INSTANTANEOUS,
39.5 AT 13:40 MST ON JUN 10

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 19 25 N
LONG 115 51 45 W
DRAINAGE AREA, 891 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	10 300	JUL	82 000
FEB	8 940	AUG	29 800
MAR	9 250	SEP	16 100
APR	8 680	OCT	12 200
MAY	25 300	NOV	11 000
JUN	79 100	DEC	6 790

TOTAL DISCHARGE, 279 000 dam³

CONNAUGHT CREEK ABOVE DIVERSION - STATION NO. 08NB018

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.0878	0.077	0.069	0.065	0.231	2.43	1.37	1.56	0.572	0.187	0.189	0.119	1
2	0.0868	0.077	0.069	0.065	0.239	1.58	1.48	1.44	0.587	0.187	0.201	0.118	2
3	0.0848	0.078	0.070	0.065	0.238	1.67	1.38	0.799	0.718	0.126	0.202	0.115	3
4	0.0838	0.078	0.068	0.065	0.234	1.41	1.37	0.576	0.268	0.171	0.202	0.114	4
5	0.0838	0.078	0.067	0.065	0.244	1.49	1.44	0.581	0.271	0.174	0.204	0.113	5
6	0.0838	0.078	0.068	0.065	0.278	1.52	1.85	0.618	0.299	0.177	0.210	0.111	6
7	0.0838	0.076	0.068	0.066	0.334	1.64	1.54	0.511	0.252	0.189	0.214	0.110	7
8	0.0838	0.077	0.067	0.067	0.278	1.69	1.52	0.547	0.258	0.186	0.189	0.110	8
9	0.0848	0.077	0.068	0.067	0.250	1.51	1.47	0.541	0.253	0.181	0.191	0.109	9
10	0.0848	0.078	0.068	0.067	0.247	1.52	1.34	0.532	0.248	0.154	0.187	0.107	10
11	0.0858	0.073	0.068	0.068	0.243	1.42	4.71	0.634	0.240	0.151	0.186	0.106	11
12	0.0868	0.073	0.068	0.068	0.270	1.34	9.99	0.498	0.234	0.156	0.182	0.105	12
13	0.0848	0.074	0.067	0.068	0.477	1.34	5.50	0.446	0.345	0.155	0.174	0.105	13
14	0.0818	0.076	0.068	0.068	0.744	1.50	3.75	0.475	0.222	0.155	0.171	0.102	14
15	0.0798	0.075	0.068	0.067	0.771	1.45	2.55	0.433	0.219	0.145	0.168	0.100	15
16	0.0788	0.074	0.067	0.068	0.975	1.29	2.06	0.481	0.290	0.145	0.166	0.100	16
17	0.0778	0.074	0.068	0.073	0.870	1.61	1.67	0.445	0.215	0.138	0.161	0.098	17
18	0.0778	0.074	0.067	0.092	0.780	1.39	1.66	0.526	0.227	0.134	0.156	0.094	18
19	0.0778	0.074	0.068	0.113	0.787	1.30	1.93	0.387	0.216	0.134	0.147	0.0938	19
20	0.0778	0.074	0.067	0.140	1.15	1.24	2.10	0.370	0.205	0.138	0.143	0.0918	20
21	0.0768	0.073	0.068	0.174	1.43	1.22	1.89	0.375	0.207	0.134	0.139	0.0908	21
22	0.0768	0.072	0.068	0.178	1.33	1.31	1.80	0.367	0.207	0.175	0.138	0.0898	22
23	0.0758	0.069	0.067	0.207	2.03	1.38	1.80	0.359	0.206	0.162	0.140	0.0888	23
24	0.0748	0.068	0.067	0.228	2.86	1.45	1.57	0.366	0.201	0.138	0.139	0.0878	24
25	0.0758	0.070	0.068	0.240	3.82	1.31	1.86	0.348	0.203	0.141	0.136	0.0868	25
26	0.0788	0.070	0.068	0.222	3.87	1.27	1.81	0.331	0.198	0.174	0.132	0.0858	26
27	0.081	0.069	0.068	0.214	3.74	1.35	0.896	0.318	0.186	0.191	0.130	0.082	27
28	0.080	0.070	0.065	0.215	4.83	1.53	0.825	0.305	0.188	0.176	0.129	0.079	28
29	0.079		0.065	0.227	4.57	1.66	0.711	0.303	0.180	0.182	0.125	0.079	29
30	0.079		0.065	0.226	4.08	1.57	0.679	0.287	0.172	0.174	0.123	0.081	30
31	0.078		0.065		3.30		1.05	0.289		0.229		0.081	31
TOTAL	2.494	2.072	2.079	3.619	45.240	44.41	84.671	16.020	8.089	4.975	4.985	3.047	TOTAL
MEAN	0.080	0.074	0.067	0.121	1.46	1.48	2.09	0.517	0.270	0.160	0.166	0.098	MEAN
MAX	0.087	0.078	0.070	0.240	4.83	2.43	9.99	1.56	0.718	0.229	0.214	0.118	MAX
MIN	0.074	0.069	0.065	0.065	0.231	1.22	0.896	0.289	0.172	0.134	0.123	0.078	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.563
MAXIMUM DAILY, 9.99 ON JUL 12
MINIMUM DAILY, 0.065 ON MAR 23
MAXIMUM INSTANTANEOUS,
27.0 AT 07:37 PST ON JUL 12

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 18 20 N
LONG 117 31 05 W
DRAINAGE AREA, 11.9 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	215	JUL	5 600
FEB	179	AUG	1 380
MAR	180	SEP	899
APR	313	OCT	430
MAY	3 910	NOV	431
JUN	3 840	DEC	263

TOTAL DISCHARGE, 17 400 dam³

COQUIHALLA RIVER BELOW NEEDLE CREEK - STATION NO. 08MF062

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.550	0.818	1.48	1.82	8.29	12.1	2.83	1.52	0.818	0.585	1.06	1.70	1
2	0.546	0.766	1.46	1.76	7.83	10.7	3.52	1.47	1.14	0.882	1.28	1.67	2
3	0.540	0.832	1.41	1.71	7.52	8.89	2.81	1.41	0.885	0.586	4.05	1.87	3
4	0.536	0.801	1.34	1.65	7.33	7.26	2.59	1.32	0.772	0.705	5.08	1.82	4
5	0.557	0.554	1.33	1.64	8.62	6.82	2.44	1.25	0.673	0.676	4.28	1.54	5
6	0.532	0.623	1.26	1.87	9.12	7.18	2.24	1.18	0.611	0.572	3.88	1.48	6
7	0.638	0.621	1.23	1.88	7.71	7.62	1.88	1.11	0.624	0.560	3.66	1.45	7
8	1.83	0.570	1.26	1.68	6.77	7.67	1.63	1.09	0.584	0.561	3.34	1.40	8
9	1.59	0.542	1.66	1.65	5.61	7.06	1.71	1.06	0.571	0.565	2.86	1.28	9
10	2.65	0.532	2.15	1.60	5.34	5.87	1.68	1.08	0.685	0.563	2.79	1.27	10
11	3.70	0.642	2.66	1.65	5.59	4.56	4.05	1.13	2.13	0.857	2.87	1.24	11
12	3.85	0.616	2.87	1.51	6.07	4.17	8.10	1.05	1.30	0.657	2.60	1.23	12
13	3.16	0.855	2.60	1.47	6.59	3.62	8.77	0.846	0.877	0.545	2.70	1.21	13
14	2.65	0.806	2.51	1.45	7.76	3.56	10.6	0.800	0.648	0.539	2.60	1.16	14
15	2.30	0.714	2.35	1.40	8.87	4.46	6.05	0.849	0.757	0.542	6.63	1.15	15
16	2.00	0.762	2.21	1.70	6.61	3.61	5.71	0.781	0.835	0.646	9.57	1.10	16
17	1.88	0.828	2.06	2.06	5.33	5.56	6.36	0.730A	0.864	0.641	7.81	1.06	17
18	1.71	1.14	1.88	2.75	6.38	4.32	4.56	0.768	0.778	0.646	6.46	1.02	18
19	1.60	1.16	1.61	3.65	7.32	3.66	3.88	0.701	0.664	0.536	5.40	1.00	19
20	1.51	1.12	1.64	4.85	11.3	3.10	3.44	0.655	0.623	0.539	4.52	0.897	20
21	1.42	1.06	1.78	5.53	16.0	2.85	3.04	0.634	0.610	0.661	3.88	1.00	21
22	1.36	1.17	1.76	6.63	13.3	2.65	2.68	0.616	0.606	1.46	3.62	0.687	22
23	1.27	1.39	1.73	7.16	13.5	3.06	2.46	0.505	0.654	0.801	3.31	0.681	23
24	1.22	1.54	1.74	8.82	14.3	2.81	2.24	0.569	0.597	0.728	3.03	0.682	24
25	1.17	1.70	1.70	8.67	16.1	2.72	2.06	0.581	0.646	0.961	2.78	0.676	25
26	1.12	1.87	1.68	7.11	13.4	3.03	1.86	0.578	0.566	1.35	2.57	0.666	26
27	1.08	1.86	1.65	6.10	13.0	3.31	1.62	0.568	0.627	1.36	2.45	0.670	27
28	1.06	1.53	1.66	5.86	14.4	2.13	1.75	0.564	0.588	1.00	2.28	0.671	28
29	0.901		1.65	5.73	17.8	3.25	1.66	0.552	0.601	0.679	2.03	0.667	29
30	0.916		1.64	6.05	16.6	2.78	1.57	0.551	0.615	0.660	1.69	0.652	30
31	0.675		1.65		14.9		1.54	0.554		1.33		0.696	31
TOTAL	47.454	26.327	56.73	111.05	304.38	154.12	113.02	27.032	23.821	22.782	111.75	37.026	TOTAL
MEAN	1.53	0.940	1.63	3.70	9.82	5.16	3.65	0.835	0.767	0.735	3.73	1.19	MEAN
MAX	3.84	1.70	2.87	9.02	17.8	12.1	10.6	1.52	2.13	1.46	9.57	1.70	MAX
MIN	0.532	0.532	1.23	1.46	5.34	2.72	1.54	0.551	0.571	0.536	1.06	0.666	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.04
MAXIMUM DAILY, 17.8 ON MAY 29
MINIMUM DAILY, 0.532 ON JAN 6
MAXIMUM INSTANTANEOUS,
23.0 AT 18:54 PST ON MAY 29

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 33 33 N
LONG 121 05 30 W
DRAINAGE AREA, 85.5 km²
A - MANUAL GAUGE

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	4 100	JUL	9 770
FEB	2 270	AUG	2 370
MAR	4 900	SEP	2 040
APR	9 580	OCT	1 970
MAY	26 300	NOV	9 650
JUN	13 300	DEC	3 200

TOTAL DISCHARGE, 89 500 dam³

COQUIHALLA RIVER NEAR HOPE - STATION NO. 08MF003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	12.7	15.8	24.9	26.1	50.0	66.0	28.9	17.4	10.8	5.56	---	---	1
2	12.6	15.6	23.2	24.5	47.6	60.5	48.1	16.6	16.6	5.41	---	---	2
3	12.7	16.7	22.3	22.9	65.5	84.0	26.8	15.6	13.4	5.62	---	---	3
4	12.7	14.1	21.2	21.7	66.7	46.0	31.2	14.5	12.5	6.66	---	---	4
5	15.4	13.2	20.0	21.6	67.4	42.4	28.3	13.0	11.6	7.08	---	---	5
6	14.4	12.8	19.5	22.5	48.1	42.9	27.1	13.2	9.94	6.69	---	---	6
7	26.0A	12.7	19.5	22.6	65.3	48.0	25.3	12.6	10.4	5.89	---	---	7
8	---	12.6	20.4	21.1	40.9	52.2	23.0	12.4	9.35	5.70A	---	---	8
9	---	12.5	33.0	30.2	37.3	48.8	21.6	12.2	9.26	---	---	---	9
10	---	12.1	41.6	18.5	38.5	56.2	20.3	13.3	13.5	---	---	---	10
11	---	13.7	40.2	18.2	37.1A	63.2	27.7	18.0	34.5	---	---	---	11
12	---	16.0	34.7	17.6	38.2A	37.0	128	16.1	23.1	---	---	---	12
13	---	21.0	31.6	16.9	45.8	34.2	104	12.8	16.2	---	---	---	13
14	---	22.7	30.1	17.0	50.6	34.3	133	11.7	13.4	---	---	---	14
15	---	21.2	30.1	16.1	66.5	42.0	97.7	10.8	11.7	---	---	---	15
16	---	22.8	26.0	30.9	62.1	35.7	66.8	10.1	11.6	---	---	---	16
17	---	27.1	26.1	24.2	41.0	54.7	57.6	9.42	11.5	---	---	---	17
18	---	24.2	24.7	29.7	67.3	46.1	46.3	9.05	10.3	---	---	---	18
19	---	26.5	23.5	35.5	46.8	42.1	39.6	8.81	9.38	---	---	---	19
20	---	26.7	22.6	40.0	62.4	41.5	37.0	8.36	8.73	---	---	---	20
21	---	24.9	22.1	46.2	78.0	27.2	35.6	7.90	8.32	---	---	---	21
22	22.6A	29.4	21.5	41.0	77.4	26.1	31.7	7.36	7.84	---	---	---	22
23	21.4	24.6	22.2	48.7	81.6	27.3	28.4	7.00	7.41	---	---	---	23
24	20.3	40.4	21.8	65.8	67.0	27.7	27.4	6.82	6.99	---	---	---	24
25	19.5	37.4	20.6	55.2	67.4	34.3	26.6	6.80	6.72	---	---	---	25
26	16.9	22.2	20.4	46.3	[illegible]	24.0	26.1	6.30	6.72	---	---	---	26
27	20.9	28.3	20.0	41.6	77.2	23.5	22.5	6.24	6.48	---	---	---	27
28	22.1	26.5	20.2	41.7	66.6	22.0	21.3	6.75	6.83	---	---	---	28
29	19.0		20.6	48.3	111	[illegible]	18.6	6.67	6.24	---	---	---	29
30	16.5		21.6	53.5	104	31.6	18.6	6.38	5.89	---	---	---	30
31	17.4		27.6		83.3		17.6	6.11		---		---	31
TOTAL	---	631.0	787.6	944.0	1 856.5	1 275.6	1 313.1	328.09	339.41	---	---	---	TOTAL
MEAN	---	22.5	25.4	31.5	59.9	42.5	42.4	10.6	11.3	---	---	---	MEAN
MAX	---	40.4	41.6	65.8	111	66.0	133	17.4	34.5	---	---	---	MAX
MIN	---	12.1	18.5	16.9	35.5	31.6	17.6	6.11	5.89	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 133 ON JUL 14

MAXIMUM INSTANTANEOUS,
185 AT 05:16 PST ON JUL 12

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 22 31 N
LONG 121 26 10 W
DRAINAGE AREA, 741 km²
A - MANUAL GAUGE

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	113 000
FEB	54 500	AUG	28 300
MAR	66 000	SEP	29 300
APR	81 600	OCT	---
MAY	160 000	NOV	---
JUN	110 000	DEC	---

COQUITLAM RIVER ABOVE COQUITLAM LAKE - STATION NO 08MH141

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.19	2.33	3.08	5.18	7.46	10.3	9.38	4.67	23.1	0.990	12.7	1.67	1
2	2.18	2.04	2.56	5.51	5.76	9.72	17.9	4.40	12.7	0.866	60.5	1.99	2
3	2.13	1.87	2.36	3.78	5.41	8.72	9.20	4.84	5.36	0.923	23.4	1.47	3
4	3.48	1.72	2.34	2.93	5.42	7.20	6.89	3.72	4.67	1.28	15.9	1.35	4
5	4.50	1.57	2.17	2.95	5.90	6.91	6.63	3.42	2.62	1.04	8.39	1.20	5
6	2.62	1.64	2.67	3.67	6.38	7.20	6.19	3.19	4.08	0.946	14.1	1.22	6
7	27.4	2.47	8.71	3.99	14.4	10.2	5.46	3.14	3.39	0.906	7.86	1.13	7
8	20.0	1.85	24.5	3.15	6.57	12.3	4.66	3.46	2.52	0.856	5.10	1.89	8
9	6.22	3.78	13.9	2.90	5.30	20.2	4.39	3.31	2.11	0.810	5.05	2.19	9
10	27.0	7.00	19.2	2.28	4.61	29.1	4.31	3.34	5.08	0.784	8.20	1.86	10
11	20.9	48.9	8.76	2.01	5.25	12.0	57.4	2.96	5.86	0.786	29.3	3.03	11
12	16.5	63.1	6.62	1.63	6.55	7.63	26.5	2.72	3.23	0.761	21.7	2.17	12
13	8.76	22.4	6.17	1.70	7.97	6.95	24.9	2.93	2.30 A	0.741	16.1	4.85	13
14	6.71	16.3	15.2	1.70	8.76	7.56	16.7	2.70	2.03	0.72_	14.6	3.20	14
15	3.44	9.79	5.97	2.13	8.61	14.8	10.0	2.44	1.83	0.715	86.8	2.00	15
16	2.88	8.51	4.15	3.20	8.73	8.68	8.58	2.12	1.70	0.703	57.5	1.67	16
17	4.38	20.8	3.36	4.65	8.35	22.3	8.76	1.98	1.58	1.10	24.9	1.34	17
18	15.6	13.7	2.89	5.24	8.68	21.6	8.82	1.96	1.62	0.886	15.6	1.15 B	18
19	11.7	7.75	2.64	5.60	7.76	13.3	8.31	1.92	1.31	2.23	7.22	1.00 B	19
20	8.30	13.6	2.48	7.21	9.56	8.82	9.83	1.88	1.24	8.35	5.27	0.9588	20
21	4.17	4.80	2.25	8.35	10.1	7.21	9.85	1.80	1.18	22.0	3.67	0.9008	21
22	3.04	10.3	2.69	9.61	11.3	7.71	9.24	1.78	1.19	18.3	3.00	0.8808	22
23	2.87	36.6	4.88	8.01	14.4	15.2	9.18	1.77	1.20	9.40	2.76	0.8608	23
24	6.40	26.8	3.85	10.9	16.0	13.5	9.16	1.72	1.16	3.50	6.83	0.8408	24
25	7.99	10.8	2.74	9.25	14.9	13.2	8.77	1.61	1.11	4.56	9.20	0.8208	25
26	15.5	8.55	2.73	7.25	11.7	9.14	6.52	1.53	1.17	5.84	3.71	0.8208	26
27	13.2	6.98	5.62	9.29	12.2	8.65	10.2	1.48	1.28	9.76	6.52	0.8108	27
28	6.07	4.98	4.85	9.91	16.2	8.14	11.6	0.26	1.13	3.64	3.11	0.8008	28
29	3.90		9.34	7.62	22.0	8.12	5.84	0.84	1.01	2.51	2.23	0.8508	29
30	3.37		8.43	8.37	18.4	8.65	5.64	2.32	0.936	28.4	1.91	7.60 B	30
31	2.80		6.64		13.2		5.05	2.00		14.0		7.25 B	31
TOTAL	283.18	371.13	234.43	146.45	301.77	356.60	345.37	91.48	100.886	144.200	490.84	58.090	TOTAL
MEAN	9.49	13.3	7.56	4.88	9.73	11.9	11.1	2.95	3.36	4.65	16.4	1.90	MEAN
MAX	27.4	63.1	52.9	10.9	22.0	29.3	57.4	6.84	23.1	28.4	86.8	7.60	MAX
MIN	1.19	1.57	2.17	1.70	4.61	6.91	4.31	1.48	0.936	0.703	1.91	0.800	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.96
MAXIMUM DAILY, 86.8 ON NOV 15
MINIMUM DAILY, 0.703 ON OCT 16
MAXIMUM INSTANTANEOUS,
133 AT 16:17 PST ON NOV 15

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 29 20 N
LONG 122 47 20 W

A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	23 700	JUL	29 800
FEB	32 100	AUG	7 900
MAR	20 200	SEP	8 710
APR	12 700	OCT	12 500
MAY	26 100	NOV	42 400
JUN	30 800	DEC	5 000

TOTAL DISCHARGE, 251 000 dam³

COQUITLAM RIVER AT PORT COQUITLAM - STATION NO 08MH002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.990	2.50	11.0	5.49	3.89	2.82	2.10	1.35	19.5	0.843	6.46	2.70	1
2	2.52	2.10	2.81	5.04	2.85	2.95	7.05	1.29	9.96	0.820	15.1	2.51	2
3	4.57	1.92	2.48	4.53	2.57	3.06	3.81	1.36	2.90	0.815	14.4	2.25	3
4	6.30	1.71	2.35	3.61	2.67	2.37	2.48	1.17	2.07	1.32	8.22	2.05	4
5	9.39	1.55	2.23	3.25	2.67	2.06	2.23	1.10	1.84	0.990	4.72	1.92	5
6	4.66	1.68	3.25	3.19	2.77	2.05	1.87	1.07	2.25	R.856	3.47	1.76	6
7	20.8	2.05	3.01	3.10	6.21	2.00	1.82	1.05	2.25	R.826	11.5	1.67	7
8	19.0	1.84	13.7	2.78	5.04	3.08	1.41	0.897	1.86	R.807	5.45	4.70	8
9	10.3	4.82	24.6	2.63	3.26	3.84	1.26	0.871	1.49	R.787	3.91	2.96	9
10	25.5	9.24	11.3	2.49	2.70	6.22	1.10	0.826	3.43	R.778	3.83	2.62	10
11	12.5	17.3	6.17	2.08	2.60	2.82	45.7	0.821	3.13	0.766	16.1	3.07	11
12	13.9	24.8	4.84	1.85	3.06	2.18	72.2	0.900	1.98	0.755	9.09	3.22	12
13	13.6	10.7	4.80	1.67	3.62	1.66	66.4	0.863	1.53	0.759	9.72	8.28	13
14	14.2	7.77	9.83	1.67	3.66	2.01	65.6	0.863	1.32	0.746	16.4	4.62	14
15	3.82	7.37	6.00	1.89	2.87	5.54	41.6	0.901	1.21	0.794	80.0	3.11	15
16	3.32	7.46	4.10	1.85	2.68	3.24	4.82	0.888	1.15	0.794	52.8	2.48	16
17	3.85	11.6	3.29	2.22	2.52	12.3	3.54	0.888	1.06	1.41	24.7	2.12	17
18	8.62	9.01	2.83	2.76	2.79	5.24	2.94	0.877	1.05	1.16	17.0	1.90	18
19	7.50	7.21	2.48	3.12	2.80	4.03	2.68	0.876	0.997	0.994	96.0	1.706	19
20	8.35	17.4	2.22	3.05	2.83	2.95	2.17	0.835	0.951	3.00	44.0	1.269	20
21	4.25	8.32	1.99	2.44	2.38	2.47	1.84	R.803	R.934	4.20	40.0	1.249	21
22	3.33	7.09	2.79	2.72	2.68	2.62	1.68	R.899	R.909	11.0	24.1	1.208	22
23	2.96	13.0	3.64	2.75	4.24	8.24	1.58	R.892	R.889	2.70	4.60	1.138	23
24	4.46	20.1	2.96	6.04	4.99	4.32	1.47	R.888	R.888	1.87	11.5	1.128	24
25	5.85	20.0	2.21	6.44	4.17	4.29	1.83	R.896	R.877	2.10	10.6	1.179	25
26	5.42	20.0	2.03	6.88	3.82	3.26	2.14	0.880	0.986	1.61	8.06	1.208	26
27	6.70	16.0	2.73	6.60	3.82	2.90	6.77	0.782	1.06	2.72	9.76	1.168	27
28	4.33	16.8	3.43	5.88	4.20	5.20	5.24	1.00	0.942	1.76	5.60	1.198	28
29	3.16		7.48	3.86	5.07	2.04	2.25	3.16	0.890	1.26	4.04	1.228	29
30	3.46		8.98	4.02	4.10	1.79	1.72	1.29	0.898	10.8	3.31	2.682	30
31	3.04		6.72		3.16		1.48	1.02		9.01		7.768	31
TOTAL	268.240	266.19	188.87	104.60	107.25	105.14	384.21	32.361	70.720	70.413	641.72	78.28	TOTAL
MEAN	8.59	10.6	6.38	3.48	3.46	3.53	11.7	1.04	2.39	2.27	21.4	2.52	MEAN
MAX	25.5	24.8	24.6	6.84	6.21	12.3	72.2	3.16	19.5	11.0	96.0	7.76	MAX
MIN	0.990	1.55	1.99	1.67	2.47	1.79	1.19	0.782	0.859	0.746	3.31	1.12	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.31
MAXIMUM DAILY, 96.0 ON NOV 15
MINIMUM DAILY, 0.746 ON OCT 16
MAXIMUM INSTANTANEOUS,
115 AT 16:13 PST ON NOV 15

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 15 04 N
LONG 122 46 51 W
DRAINAGE AREA, 237 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	23 000	JUL	31 900
FEB	25 900	AUG	3 900
MAR	18 400	SEP	9 110
APR	9 900	OCT	9 000
MAY	9 200	NOV	55 400
JUN	9 900	DEC	6 760

TOTAL DISCHARGE, 193 000 dam³

CORNING CREEK NEAR SQUILAX - STATION NO. 08LE077

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.0270	0.053	0.182	0.407	1.93	1.88	0.473	0.109	0.080	0.044	0.197	0.117	1
2	0.0260	0.055	0.160	0.400	2.10	1.64	0.880	0.149	0.237	0.045	0.227	0.122	2
3	0.0260	0.053	0.154	0.383	2.05	1.56	0.513	0.137	0.128	0.047	0.277	0.122	3
4	0.0260	0.047	0.149	0.364	1.83	1.35	0.486	0.125	0.090	0.047	0.387	0.118	4
5	0.040	0.046	0.145	0.366	2.04	1.19	0.436	0.117	0.078	0.043	0.270	0.110	5
6	0.051	0.040	0.145	0.405	2.05	1.22	0.427	0.110	0.065	0.042	0.233	0.106	6
7	0.052	0.046	0.164	0.463	2.04	1.28	0.419	0.105	0.064	0.040	0.208	0.124	7
8	0.054	0.046	0.173	0.455	1.82	1.14	0.433	0.099	0.080	0.041	0.195	0.110	8
9	0.052	0.048	0.306	0.480	1.52	1.04	0.776	0.092	0.084	0.030	0.181	0.105	9
10	0.052	0.048	0.549	0.387	1.48	1.00	0.677	0.090	0.077	0.037	0.164	0.104	10
11	0.056	0.053	0.574	0.397	1.67	0.831	0.543	0.083	0.131	0.037	0.184	0.101	11
12	0.056	0.061	0.511	0.323	1.63	0.864	0.795	0.086	0.107	0.036	0.170	0.093	12
13	0.055	0.070	0.489	0.304	1.65	0.800	0.871	0.089	0.138	0.036	0.187	0.102	13
14	0.051	0.066	0.469	0.295	1.76	0.617	0.549	0.082	0.104	0.037	0.165	0.100	14
15	0.049	0.066	0.480	0.335	1.81	0.729	0.568	0.0836	0.086	0.034	0.173	0.086	15
16	0.049	0.069	0.426	0.380	2.26	0.803	0.463	0.0772	0.384	0.037	0.207	0.0808	16
17	0.049	0.078	0.411	0.424	2.03	1.00	0.434	0.0786	0.084	0.044	0.200	0.0828	17
18	0.049	0.082	0.374	0.622	2.51	0.871	0.386	0.0728	0.076	0.043	0.253	0.0858	18
19	0.049	0.082	0.350	0.799	1.86	0.867	0.305	0.0686	0.071	0.050	0.220	0.0888	19
20	0.051	0.082	0.335	0.905	2.52	0.779	0.317	0.0692	0.068	0.056	0.190	0.0818	20
21	0.047	0.083	0.332	1.24	2.70	0.856	0.308	0.0640	0.060	0.074	0.187	0.0768	21
22	0.048	0.083	0.324	1.36	2.81	0.542	0.270	0.0566	0.065	0.149	0.176	0.0738	22
23	0.047	0.081	0.319	1.42	3.25	0.681	0.249	0.0446	0.058	0.120	0.168	0.0808	23
24	0.047	0.190	0.319	1.81	3.24	0.785	0.240	0.0478	0.056	0.080	0.167	0.0838	24
25	0.048	0.216	0.316	1.60	3.26	0.562	0.246	0.0578	0.055	0.080	0.169	0.0848	25
26	0.052	0.182	0.320	1.62	2.72	0.403	0.321	0.0562	0.061	0.101	0.158	0.0718	26
27	0.055	0.180	0.308	1.67	2.66	0.463	0.252	0.0562	0.049	0.121	0.157	0.0788	27
28	0.050	0.173	0.278	1.80	2.64	0.469	0.264	0.0572	0.048	0.108	0.141	0.0778	28
29	0.058		0.309	1.66	2.77	0.465	0.229	0.0564	0.045	0.098	0.133	0.0768	29
30	0.058		0.474	1.65	2.56	0.536	0.189	0.055	0.044	0.104	0.128	0.0798	30
31	0.055		0.422		2.13		0.177	0.047		0.226		0.0808	31
TOTAL	1.584	2.353	10.006	24.443	66.57	26.431	12.080	2.564	2.498	2.123	6.660	3.030	TOTAL
MEAN	0.050	0.084	0.336	0.815	2.24	0.881	0.415	0.083	0.083	0.068	0.201	0.094	MEAN
MAX	0.056	0.216	0.574	1.85	3.26	1.86	0.776	0.160	0.237	0.226	0.387	0.124	MAX
MIN	0.026	0.040	0.145	0.295	1.48	0.459	0.177	0.044	0.044	0.036	0.128	0.083	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.448
MAXIMUM DAILY, 3.26 ON MAY 25
MINIMUM DAILY, 0.0260 ON JAN 2
MAXIMUM INSTANTANEOUS,
6.42 AT 18:45 PST ON MAY 24

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 54 54 N
LONG 119 22 00 W
DRAINAGE AREA, 26.3 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	134	JUL	1 110
FEB	203	AUG	221
MAR	869	SEP	216
APR	2 110	OCT	183
MAY	5 810	NOV	522
JUN	2 280	DEC	260

TOTAL DISCHARGE, 14 100 dam³

COTTONWOOD RIVER ABOVE BASS CREEK - STATION NO. 10AC005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.750	3.050	2.250	1.600	4.500	130	41.0E	20.1	28.6	25.5	9.500	4.500	1
2	3.750	3.000	2.150	1.590	5.000	95.0	47.0E	16.9	39.1	23.7	9.000	4.500	2
3	3.800	2.950	2.100	1.570	5.500	84.4	45.0E	20.3	54.9	24.0	9.300	4.900	3
4	3.800	2.900	2.050	1.540	6.500	81.7	46.5E	20.5	59.1	25.7	9.100	4.850	4
5	3.850	2.850	2.000	1.510	7.500	48.5	46.0E	18.7	51.9	23.5	8.700	4.400	5
6	3.850	2.800	2.000	1.500	8.50	51.3	40.0E	17.4	44.0	21.5	8.000	4.300	6
7	3.800	2.750	2.000	1.500	10.3	55.3	40.0E	17.6	38.6	20.4	7.700	4.050	7
8	3.750	2.700	2.000	1.500	12.6	50.6	35.0E	17.2	35.9	20.1	7.500	4.000	8
9	3.700	2.700	2.000	1.500	13.3	50.0	32.0E	16.9	32.5	17.4	7.400	4.000	9
10	3.650	2.700	2.000	1.500	16.1	43.3	30.0E	15.8	30.0	17.5	7.400	4.000	10
11	3.650	2.700	2.000	1.500	21.0	46.3	28.0E	18.5	27.8	18.3	7.400	4.050	11
12	3.700	2.650	1.950	1.510	23.3	46.3	26.0E	17.6	27.6	18.0	7.200	4.110	12
13	3.700	2.600	1.900	1.540	22.0	41.6	24.5E	16.3	30.9	16.8	7.100	4.100	13
14	3.700	2.550	1.900	1.560	23.3	39.3	23.0E	16.3	27.5	15.7	7.100	4.000	14
15	3.700	2.500	1.850	1.580	20.0	47.6	21.5E	27.1	27.3	15.0	6.600	3.850	15
16	3.700	2.500	1.850	1.600	22.1	50.2	20.0E	30.3	25.0	12.9	6.600	3.800	16
17	3.700	2.500	1.800	1.650	29.1	38.6	19.2E	26.0	23.5	14.7	6.200	3.700	17
18	3.600	2.500	1.800	1.690	22.6	27.6	18.5E	26.5	22.1	14.4	5.900	3.700	18
19	3.500	2.500	1.800	1.740	19.6	42.6	17.5E	47.5	20.8	14.0	5.800	3.700	19
20	3.500	2.500	1.750	1.800	20.2	42.0	16.2E	37.6	24.8	13.5	5.400	3.650	20
21	3.450	2.500	1.700	1.850	24.0	36.6	20.5E	32.7	41.0	13.2	5.400	3.600	21
22	3.300	2.450	1.700	1.950	26.1	35.5	23.0E	32.7	36.0	13.7	5.400	3.600	22
23	3.250	2.450	1.650	2.050	27.1	34.0E	24.5E	35.7	36.0	11.8	5.400	3.650	23
24	3.200	2.450	1.650	2.200	28.6	33.8E	23.5E	30.9	33.7	11.3	5.400	3.700	24
25	3.150	2.400	1.630	2.400	24.8	34.0E	22.0E	38.1	30.4	12.7	5.200	3.650	25
26	3.100	2.300	1.620	2.600	20.7	31.0E	22.0E	37.6	27.7	11.6	5.300	3.500	26
27	3.200	2.250	1.610	2.850	18.6	28.9E	22.4E	41.1	24.9	11.6	5.050	3.400	27
28	3.200	2.250	1.600	3.300	24.6	27.0E	22.0E	36.6	22.8	11.2	4.700	3.400	28
29	3.300		1.600	3.650	86.6	30.5E	20.0E	31.1	21.9	10.9	4.850	3.500	29
30	3.300		1.600	3.950	112	30.0E	18.7E	28.6	22.0	10.20	4.500	3.500	30
31	3.100		1.600		148		16.9	26.8		10.00		3.500	31
TOTAL	108.75	73.05	57.10	56.45	604.00	1 308.0	880.6	805.0	974.8	501.5	200.20	120.75	TOTAL
MEAN	3.54	2.61	1.84	1.88	19.5	43.6	28.4	26.0	32.5	16.2	6.68	3.90	MEAN
MAX	3.85	3.05	2.30	3.95	148	130	46.5	47.5	59.1	25.7	9.50	4.95	MAX
MIN	3.10	2.25	1.60	1.50	4.50	27.0	17.5	15.8	20.8	10.0	4.50	3.45	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 16.7
MAXIMUM DAILY, 148 ON MAY 31
MINIMUM DAILY, 1.500 ON APR 6
MAXIMUM INSTANTANEOUS,
154 AT 02:26 PST ON MAY 31

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 07 02 N
LONG 120 48 23 W
DRAINAGE AREA, 660 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	9 430	JUL	76 500
FEB	6 300	AUG	72 000
MAR	4 940	SEP	84 200
APR	4 880	OCT	43 300
MAY	78 500	NOV	17 300
JUN	121 000	DEC	10 400

TOTAL DISCHARGE, 520 000 dam³

COTTONWOOD RIVER NEAR CINEMA - STATION NO. 08KE009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.810	4.300	9.000	12.70	41.00	50.00	50.0	14.7	8.40	5.04	17.6	8.500	1
2	4.000	4.300	9.100	13.30	40.00	65.00	47.3	19.9	8.25	5.00	17.4	8.550	2
3	4.700	4.300	9.250	13.50	42.00	64.00	48.5	16.9	8.30	5.00E	16.8	8.400	3
4	4.750	4.400	9.350	13.60	41.20	30.00	47.1	16.8	7.40	7.20	17.5	8.300	4
5	4.770	4.410	9.450	14.20	40.2	27.00	46.00	14.6	7.20	7.68	16.9	8.150	5
6	4.700	4.440	9.000	14.00	38.00	33.00	40.4	10.2	8.00	8.63	17.6	8.000	6
7	4.750	4.480	9.650	14.80	38.50	31.00	40.8	11.8	8.44	8.55	17.5	7.900	7
8	4.070	4.540	9.700	15.50	37.00	31.50	60.0	8.64	8.01	6.45	20.1	7.750	8
9	4.840	4.580	9.720	16.10	38.00	34.00	67.5	7.84	8.03	7.20	19.5	7.600	9
10	4.810	4.580	9.750	16.80	33.00	28.50	73.0	7.630	8.07	8.40	16.9	7.450	10
11	4.820	4.610	9.750	17.40	31.50	33.50	84.0	7.330	8.30	8.50	17.5	7.300	11
12	4.840	4.700	9.750	17.80	31.40	32.00	86.0	7.010	7.25	7.07	15.0	7.150	12
13	4.850	4.920	9.750	18.30	31.80	28.00	82.4	6.800	7.03	6.19	15.9	6.900	13
14	4.860	5.030	9.760	18.74	32.70	22.50	88.7	6.430	7.20	5.22	16.8	6.800	14
15	4.870	5.210	9.800	19.0	33.00	17.70	88.4	6.00	7.10	3.25	16.7	6.300	15
16	4.880	5.400	10.0 B	20.00	30.50	18.1	88.0	6.80	7.07	4.05	19.7	5.900	16
17	4.800	5.700	10.1 B	22.00	30.00	27.7	56.4	7.20	11.3	4.44	13.7	5.800	17
18	4.580	5.870	10.1 B	23.50	35.30	50.3	56.3	12.9	11.8	4.55	15.0	5.400	18
19	4.560	6.420	10.2 B	25.00	37.00	80.00	50.5	12.8	12.4	4.88	14.2	5.200	19
20	4.400	6.940	10.2 B	27.60	40.00	104	47.0	11.8	12.3	5.22	13.0	4.950	20
21	4.400	7.280	10.2 B	33.00	43.50	80.0	40.3	11.0	12.5	6.00	12.3	4.850	21
22	4.430	7.560	10.3 B	32.10	44.00	71.5	31.8	10.6	12.3	6.78	11.7	4.400	22
23	4.410	7.740	10.4 B	30.60	41.00	71.00	31.4	10.3	11.8	6.44	12.0	4.250	23
24	4.410	7.850	10.4 B	32.40	37.70	71.5	28.8	9.87	9.56	6.01	10.4	4.100	24
25	4.410	8.020	10.5 B	28.40	40.7	67.5	26.8	9.84	9.06	6.19	10.3	4.000	25
26	4.410	8.200	10.6 B	33.00	41.50	31.0	28.0	9.80	7.02	7.20	9.03	3.900	26
27	4.410	8.570	10.7 B	30.50	42.90	28.7	27.0	8.83	5.22	7.68	9.43	3.800	27
28	4.400	8.700	10.8 B	32.00	46.00	28.6	26.4	8.87	4.37	13.0	9.200	3.750	28
29	4.400		11.2 B	25.50	51.00	27.0	20.0	9.06	5.10	12.6	8.900	3.720	29
30	4.380		11.5 B	27.00	55.20	47.5	17.0	8.12	5.22	19.7	8.700	3.700	30
31	4.380		11.8 B		50.00		10.0	8.50		20.8		3.710	31
TOTAL	141.03	163.50	312.40	668.4	1 222.6	1 322.2	1 585.3	323.26	286.03	243.02	441.06	185.86	TOTAL
MEAN	4.50	5.81	10.1	22.8	39.8	44.1	51.1	10.4	8.50	7.84	14.7	6.00	MEAN
MAX	4.81	8.70	11.8	27.5	56.2	104	88.7	19.9	13.4	20.8	20.1	8.60	MAX
MIN	4.30	4.38	9.00	12.7	31.0	17.7	10.0	6.00	4.37	3.25	8.70	3.70	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 18.9
MAXIMUM DAILY, 104 ON JUN 20
MINIMUM DAILY, 3.25 ON OCT 15

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - MANUAL
LOCATION - LAT 53 08 15 N
LONG 122 26 30 W
DRAINAGE AREA, 1 910 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	12 200	JUL	137 000
FEB	14 100	AUG	27 900
MAR	27 000	SEP	22 200
APR	58 500	OCT	21 000
MAY	106 000	NOV	38 200
JUN	114 000	DEC	16 100

TOTAL DISCHARGE, 595 000 dam³

COULDREY CREEK IN LOT 8280 - STATION NO. 08NP002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.433B	0.420	0.431	0.482	3.00	13.8	4.20	2.80	1.06	0.880	0.620	0.510B	1
2	0.440B	0.432B	0.432	0.506	3.21	11.7	4.13	2.43	1.06	0.852	0.652	0.517B	2
3	0.445	0.428B	0.445	0.483	3.56	10.7	4.22	2.43	1.07	0.841	0.745	0.517B	3
4	0.432	0.423B	0.438	0.540	3.76	10.3	4.13	2.30	1.01	0.840	1.76	0.516B	4
5	0.429	0.418B	0.434	0.622	4.17	9.80	4.06	2.14	1.03	0.827	1.84	0.518B	5
6	0.411	0.412B	0.424	0.585	4.76	9.73	3.90	2.04	1.04	0.807	1.86	0.512B	6
7	0.420	0.406B	0.424	0.554	5.48	10.1	4.03	1.97	1.01	0.576	1.83	0.515B	7
8	0.501	0.402B	0.430	0.804	5.83	10.2	4.38	1.88	0.920	0.564	1.50	0.522B	8
9	0.467	0.395	0.433	0.877	5.16	10.3	3.09	1.89	0.881	0.546	1.35	0.501	9
10	0.502	0.400	0.480	0.800	4.55	9.88	3.01	1.80	0.821	0.519	1.21	0.503	10
11	0.484	0.366	0.488	0.613	4.20	8.95	3.51	1.73	0.883	0.496	1.13	0.570	11
12	0.472	0.411	0.526	0.674	4.05	7.84	3.34	1.76	0.883	0.496	1.08	0.561	12
13	0.479	0.411	0.532	0.828	4.22	7.00	4.01	1.83	0.884	0.474	1.02	0.571	13
14	0.441	0.415	0.547	0.763	4.84	6.60	8.06	1.80	0.837	0.488	0.980	0.563	14
15	0.440B	0.428	0.546	0.886	5.14	6.88	8.70	1.60	0.700	0.456	0.935	0.536	15
16	0.433B	0.422	0.501	0.883	5.50	6.60	7.40	1.44	0.708	0.461	0.983	0.466B	16
17	0.426B	0.420	0.514	0.778	6.37	6.36	6.86	1.39	0.768	0.441	0.937	0.463B	17
18	0.422	0.416	0.510B	0.880	7.37	6.70	5.63	1.34	0.712	0.464	0.890	0.462B	18
19	0.423B	0.414	0.506B	1.34	7.86	6.16	5.41	1.36	0.723	0.473	0.842	0.462B	19
20	0.424B	0.410	0.507B	2.64	7.66	5.63	5.00	1.24	0.730	0.467	0.702	0.460B	20
21	0.433	0.420	0.508	2.83	8.61	5.10	4.70	1.10	0.747	0.480	0.763	0.456B	21
22	0.435	0.427	0.504	3.64	10.8	4.87	4.27	1.12	0.756	0.560	0.730	0.452B	22
23	0.414	0.444	0.468	5.66	12.2	5.13	4.03	1.16	0.723	0.623	0.600	0.430B	23
24	0.420	0.433	0.501	6.68	14.3	5.26	3.96	1.27	0.758	0.617	0.668	0.416B	24
25	0.423	0.440	0.536	7.11	16.5	5.16	3.76	1.26	0.763	0.661	0.654	0.402B	25
26	0.426	0.436	0.515	5.92	17.4	5.01	3.55	1.33	0.720	0.636	0.664	0.370B	26
27	0.460	0.421	0.470	4.71	17.6	4.76	3.24	1.32	0.726	0.624	0.645	0.365B	27
28	0.454	0.435	0.500	3.87	17.5	4.56	3.06	1.17	0.750	0.613	0.617	0.365B	28
29	0.440B		0.488	3.16	16.5	4.47	2.96	1.11	0.767	0.584	0.514B	0.406B	29
30	0.443B		0.507	2.83	18.2	4.62	2.70	1.10	0.676	0.586	0.510B	0.406	30
31	0.434		0.500		16.0		2.66	1.07		0.601		0.448	31
TOTAL	13.666	11.762	15.180	81.047	266.77	224.63	139.70	48.31	25.170	17.411	29.466	15.043	TOTAL
MEAN	0.441	0.420	0.488	2.63	8.57	7.48	4.40	1.56	0.839	0.562	0.982	0.485	MEAN
MAX	0.502	0.448	0.548	7.11	18.5	13.8	8.80	2.80	1.06	0.880	1.86	0.583	MAX
MIN	0.411	0.366	0.424	0.482	3.00	4.47	2.66	1.07	0.676	0.441	0.514	0.365	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.26
MAXIMUM DAILY, 18.5 ON MAY 30
MINIMUM DAILY, 0.365B ON DEC 27
MAXIMUM INSTANTANEOUS,
19.3 AT 20:00 MST ON MAY 29

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 01 57 N
LONG 114 28 06 W
DRAINAGE AREA, 118 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 180	JUL	12 000
FEB	1 020	AUG	4 200
MAR	1 310	SEP	2 180
APR	5 270	OCT	1 500
MAY	23 000	NOV	2 540
JUN	19 400	DEC	1 300

TOTAL DISCHARGE, 76 000 dam³

COWICHAN LAKE NEAR LAKE COWICHAN - STATION NO. 08HA009

DAILY WATER LEVEL IN METRES FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.808	1.989	2.866	1.765	1.326	1.306	1.390	1.123	0.921	0.803	0.743	2.379	1
2	1.804	1.887	2.862	1.772	1.312	1.316	1.390	1.103	0.923	0.883	0.783	2.287	2
3	1.786	1.822	2.432	1.772	1.312	1.322	1.364	1.083	0.917	0.867	1.033	2.183	3
4	1.801	1.782	2.334	1.776	1.322	1.322	1.390	1.071	0.918	0.867	1.177	2.086	4
5	1.844	1.882	2.234	1.742	1.292	1.312	1.352	1.069	0.891	0.867	1.263	1.993	5
6	1.862	1.682	2.102	1.712	1.290	1.302	1.324	1.065	0.873	0.847	1.349	1.986	6
7	1.984	1.622	2.062	1.677	1.322	1.302	1.310	1.065	0.873	0.831	1.481	1.831	7
8	2.282	1.588	2.062	1.632	1.324	1.302	1.290	1.065	0.871	0.833	1.503	1.843	8
9	2.900	1.574	2.537	1.584	1.324	1.282	1.272	1.065	0.863	0.813	1.547	1.638	9
10	2.712	1.500	2.626	1.552	1.322	1.322	1.266	1.065	0.853	0.807	1.588	1.803	10
11	2.784	2.142	2.626	1.518	1.320	1.384	1.342	1.033	0.857	0.807	1.879	1.783	11
12	2.784	2.862	2.592	1.476	1.304	1.387	1.582	1.031	0.833	0.483	2.083	1.786	12
13	2.780	3.097	2.522	1.432	1.284	1.386	1.562	1.023	0.829	0.467	2.187	1.813	13
14	2.658	3.124	2.642	1.382	1.284	1.386	1.576	1.013	0.823	0.471	2.282	1.850	14
15	2.558	3.112	2.644	1.362	1.292	1.362	1.582	1.009	0.803	0.469	3.181	1.823	15
16	2.480	3.084	2.562	1.342	1.232	1.270	1.526	1.007	0.768	0.487	3.593	1.783	16
17	2.364	3.122	2.492	1.292	1.290	1.278	1.492	0.993	0.763	0.456	3.768	1.731	17
18	2.324	3.266	2.304	1.292	1.290	1.384	1.453	0.993	0.763	0.447	3.765	1.891	18
19	2.300	3.232	2.282	1.290	1.282	1.382	1.443	0.971	0.743	0.448	3.873	1.843	19
20	2.242	3.352	2.202	1.282	1.292	1.402	1.361	0.963	0.727	0.453	3.547	1.583	20
21	2.180	3.264	2.092	1.282	1.290	1.412	1.357	0.981	0.709	0.455	3.305	1.537	21
22	2.086	3.224	2.033	1.282	1.290	1.404	1.323	0.953	0.693	0.573	3.223	1.483	22
23	2.020	3.266	1.948	1.286	1.286	1.406	1.303	0.951	0.691	0.579	3.063	1.441	23
24	2.010	3.250	1.888	1.302	1.290	1.416	1.280	0.938	0.687	0.565	2.986	1.406	24
25	2.002	3.144	1.807	1.322	1.302	1.414	1.253	0.927	0.683	0.597	2.906	1.383	25
26	2.180	3.082	1.748	1.316	1.292	1.422	1.211	0.923	0.653	0.623	2.839	1.347	26
27	2.224	2.822	1.706	1.324	1.290	1.424	1.193	0.911	0.647	0.620	2.778	1.282	27
28	2.198	2.792	1.682	1.324	1.290	1.422	1.183	0.903	0.627	0.643	2.868	1.243	28
29	2.162		1.672	1.324	1.292	1.422	1.153	0.903	0.600	0.643	2.583	1.221	29
30	2.066		1.702	1.314	1.304	1.402	1.143	0.893	0.603	0.667	2.469	1.233	30
31	2.049		1.742		1.286		1.135	0.903		0.717		1.257	31
MEAN	2.220	2.580	2.213	1.456	1.300	1.366	1.344	0.986	0.770	0.548	2.376	1.693	MEAN
MAX	2.900	3.352	2.866	1.774	1.326	1.424	1.576	1.123	0.923	0.717	3.788	2.379	MAX
MIN	1.786	1.588	1.682	1.282	1.282	1.282	1.135	0.893	0.603	0.447	0.743	1.221	MIN

WATER LEVELS IN METRES

MEAN, 1.687
MAXIMUM DAILY, 3.788 ON NOV 17
MINIMUM DAILY, 0.447 ON OCT 18

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - MANUAL
LOCATION - LAT 48 49 28 N
LONG 124 03 37 W

REGULATED SINCE 1958

WATER LEVELS ARE REFERRED TO ASSUMED DATUM NO. 2
APPLY 159.984 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

COWICHAN RIVER AT LAKE COWICHAN - STATION NO. 08HA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	73.9	82.6	137	88.8	17.4	7.87	18.1	18.8	9.06	10.2	17.0	115	1
2	71.8	76.2	127	88.9	17.3	7.57	16.1	17.2	10.2	10.2	18.8	108	2
3	70.7	73.2	118	88.3	17.6	7.61	15.9	14.7	9.30	10.2	25.8	98.4	3
4	71.5	89.9	108	88.0	17.5	7.88	17.2	12.3	9.17	10.4	32.7	81.4	4
5	73.6	84.6	100	85.6	17.5	7.90	18.4	8.90	9.21	10.2	38.1	85.1	5
6	76.4	81.5	93.1	64.2	17.7	7.59	18.8	7.22	9.75	10.1	44.6	79.2	6
7	80.5	90.2	88.7	62.0	17.7	7.68	18.6	7.76	10.0	9.63	50.2	74.2	7
8	108	98.1	81.8	59.2	17.8	7.64	18.7	7.80	11.2	9.58	52.2	74.0	8
9	116	55.7	123	56.8	17.7	7.57	15.6	7.67	12.8	9.28	53.7	73.7	9
10	137	88.0	134	55.1	17.8	7.72	14.6	7.39	12.9	9.05	60.2	71.8	10
11	140	88.2	134	52.7	17.3	7.72	14.2	7.60	12.8	8.81	73.7	70.8	11
12	150	150	129	50.2	18.7	7.80	18.8	7.26	14.8	8.85	88.5	70.0	12
13	146	178	127	47.0	20.1	7.70	27.1	7.35	16.0	8.48	95.5	72.1	13
14	120	182	128	44.2	17.8	7.72	38.2	7.67	15.7	8.18	144	73.2	14
15	131	18[illegible]	136	41.0	17.2	7.75	48.1	7.48	16.8	8.08	180	73.3	15
16	122	178	130	36.0	17.2	7.48	48.8	7.34	15.8	7.94	222	69.9	16
17	115	185	123	30.2	15.7	7.84	46.4	7.21	15.8	7.81	242	68.0	17
18	111	197	115	25.6	16.1	8.00	43.5	7.07	15.7	7.85	240	64.1	18
19	110	194	107	20.8	14.3	8.38	41.5	7.22	16.9	7.89	239	60.9	19
20	105	203	99.8	16.7	14.0	8.66	39.5	7.16	15.0	8.81	226	57.7	20
21	90.8	197	92.7	14.1	13.2	8.72	37.8	7.48	16.5	9.48	212	56.3	21
22	93.8	191	88.6	16.8	13.1	8.71	32.8	7.80	16.2	11.6	195	51.3	22
23	88.7	194	81.3	17.2	13.1	8.77	27.1	7.82	13.1	12.3	180	48.6	23
24	85.6	186	78.6	17.4	11.9	10.1	25.0	7.41	12.1	12.7	171	46.2	24
25	87.5	185	71.6	17.5	9.63	10.4	23.3	7.58	11.9	13.3	163	43.8	25
26	88.3	176	66.9	17.6	7.88	10.5	21.7	7.78	11.7	13.8	154	41.8	26
27	101	163	64.3	17.6	7.70	11.8	21.8	7.55	11.2	14.2	146	39.9	27
28	100	150	61.8	17.4	7.73	12.1	21.3	7.27	10.8	14.6	141	37.8	28
29	97.2		61.0	17.8	8.14	14.0	20.6	7.43	10.2	14.8	132	36.6	29
30	93.0		62.8	17.8	8.82	15.4	20.0	7.36	10.1	15.5	123	36.9A	30
31	87.7		66.0		7.94		18.8	7.44		15.4		40.9E	31
TOTAL	3 183.3	3 844.1	3 148.3	1 188.9	450.53	260.44	806.7	265.82	376.73	329.36	3 710.2	2 032.3	TOTAL
MEAN	102	137	102	39.6	14.5	8.68	26.0	8.57	12.6	10.6	124	65.3	MEAN
MAX	150	203	137	88.9	20.1	15.4	48.8	18.8	16.9	15.5	242	115	MAX
MIN	70.7	55.7	61.8	14.1	7.70	7.44	14.2	7.07	9.06	7.81	17.0	36.6	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 53.6
MAXIMUM DAILY, 242 ON NOV 17
MINIMUM DAILY, 7.07 ON AUG 18
MAXIMUM INSTANTANEOUS,
262 AT 06:00 PST ON NOV 18

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 49 34 N
LONG 124 03 07 W
DRAINAGE AREA, 593 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED SINCE 1958

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	275 000	JUL	69 000
FEB	332 000	AUG	23 000
MAR	272 000	SEP	32 500
APR	101 000	OCT	28 500
MAY	38 900	NOV	321 000
JUN	23 300	DEC	176 000

TOTAL DISCHARGE, 1 690 000 dam³

COWICHAN RIVER NEAR DUNCAN - STATION NO. 08HA011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	88.6	98.1	148	73.5	17.7	6.59	16.2	17.9	7.99	9.07	17.3	109	1
2	88.7	92.1	138	78.3	17.5	6.33	15.6	16.6	10.0	9.04	20.5	103	2
3	92.2	86.0	130	77.8	17.1	6.53	14.1	13.6	8.88	9.07	35.5	93.4	3
4	90.4	81.6	121	73.6	17.1	6.55	14.7	11.4	8.06	9.07	41.5	84.3	4
5	120	76.2	110	71.6	16.9	6.47	16.1	6.72	8.51	6.95	46.1	78.7	5
6	111	71.6	101	68.9	17.3	6.41	17.0	6.14	8.68	9.06	51.4	73.6	6
7	127	71.7	97.5	65.3	17.6	6.37	16.9	6.06	8.79	8.58	57.6	68.9	7
8	178	68.1	110	60.6	17.8	6.15	16.0	6.05	9.16	8.20	55.4	79.2	8
9	167	76.6	177	58.0	17.7	6.25	13.9	6.01	11.4	7.95	55.3	84.8	9
10	190	87.4	178	56.5	17.5	6.71	13.4	5.90	12.2	7.97	68.4	76.6	10
11	190	184	162	53.7	17.2	6.49	13.8	5.84	12.4	7.59	93.5	76.9	11
12	181	267	147	51.1	17.2	6.50	20.1	5.82	13.1	7.44	99.2	76.5	12
13	171	201	147	47.8	20.4	6.28	25.3	5.71	14.6	7.25	104	82.5	13
14	180	232	177	44.5	18.0	6.20	33.4	5.92	14.4	7.01	119	81.3	14
15	148	223	162	42.1	18.1	6.28	41.8	6.12	14.3	6.84	276	77.0	15
16	138	217	148	37.8	16.0	6.07	43.9	5.74	14.3	6.64	290	72.9	16
17	126	251	133	33.0	15.9	6.41	41.8	6.11	14.6	6.91	289	88.4	17
18	123	283	124	28.6	15.2	6.32	39.2	5.76	14.8	6.61	290	84.5	18
19	121	262	116	24.0	13.7	6.88	37.5	5.80	14.1	6.87	275	80.1	19
20	117	303	111	19.5	13.6	6.70	35.2	5.71	13.7	7.06	273	55.8	20
21	112	248	101	18.5	12.6	7.48	33.4	6.73	13.5	8.81	220	52.7	21
22	106	239	91.5	14.8	12.4	7.74	31.2	6.21	13.1	11.7	203	49.6	22
23	101	245	85.5	17.1	12.3	7.94	26.7	6.27	12.6	12.1	182	49.6	23
24	101	230	78.7	16.4	12.0	8.24	22.9	6.31	11.1	12.8	186	44.3	24
25	106	213	74.8	16.2	9.22	6.55	21.6	6.09	10.7	14.0	183	43.3	25
26	138	197	70.6	18.2	7.21	6.88	19.8	6.60	10.7	14.4	184	42.3	26
27	147	188	68.6	17.9	7.03	6.87	20.1	6.34	10.5	14.8	181	40.4	27
28	127	183	64.3	17.8	6.77	10.5	19.6	6.18	9.74	15.2	146	37.6	28
29	117		68.4	17.7	6.47	11.7	19.6	6.44	9.35	14.3	131	38.5	29
30	110		72.1	17.7	6.48	12.8	18.4	6.17	9.13	15.0	110	38.2	30
31	104		74.3		6.84		17.6	6.08		17.2		42.4	31
TOTAL	4 012.9	4 958.4	3 578.4	1 239.9	440.82	221.01	735.0	226.26	344.01	307.01	4 269.9	2 061.6	TOTAL
MEAN	129	177	115	41.3	14.2	7.37	23.7	7.27	11.5	9.93	142	66.5	MEAN
MAX	190	303	177	78.3	20.4	12.8	43.9	17.9	14.8	17.2	290	109	MAX
MIN	88.6	68.1	64.3	14.8	6.47	6.07	13.4	5.71	7.99	6.87	17.3	36.5	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 81.3
MAXIMUM DAILY, 303 ON FEB 20
MINIMUM DAILY, 5.71 ON AUG 13
MAXIMUM INSTANTANEOUS,
335 AT 09:38 PST ON FEB 20

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 46 22 N
LONG 123 42 44 W
DRAINAGE AREA, 826 km²

REGULATED SINCE 1955

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	347 000	JUL	63 500
FEB	428 000	AUG	19 500
MAR	309 000	SEP	29 700
APR	107 000	OCT	26 500
MAY	38 100	NOV	369 000
JUN	19 100	DEC	178 000

TOTAL DISCHARGE, 1 930 000 dam³

CRANBERRY CREEK ABOVE B.C. HYDRO INTAKE - STATION NO. 08NE123

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.75	1.60	2.53	2.56	6.13	19.3	6.26	5.00	5.33	1.42	5.80	3.120	1
2	2.73	1.57	2.50	2.56	6.53	18.6	6.09	6.61	7.25	1.31	4.26	3.120	2
3	2.72	1.54	2.46	2.56	7.04	18.7	6.41	7.77	6.40	1.22	5.02	3.16	3
4	2.70	1.55	2.49	2.66	6.90	15.7	7.03	6.93	5.82	1.25	6.16	3.13	4
5	2.76	1.540	2.53	2.80	7.22	14.1	6.03	5.61	5.17	1.23	4.56	3.07	5
6	2.61	1.530	2.52	2.06	7.70	14.2	6.93	6.75	4.72	1.27	4.04	3.01	6
7	2.60	1.500	2.54	3.31	6.17	15.6 A	6.12	6.22	4.13	1.13	3.56	2.98	7
8	2.77	1.43	2.56	3.31	7.78	16.2 E	7.78	6.60	3.58	1.07	3.23	2.96	8
9	2.71	1.48	3.02	2.90	6.93	15.6 E	7.06	5.60	3.27	0.853	2.93	2.92	9
10	2.70	1.56	3.08	2.79	6.54	13.0 E	6.23	5.80	3.29	0.887	2.27	2.90	10
11	2.75	2.70	3.08	2.61	6.83	11.6 E	18.0	7.52	4.50	0.816	4.10	2.87	11
12	2.76	2.54	3.47	2.51	7.01	9.000	46.7 A	7.17	4.00	0.768	4.17	2.85	12
13	2.80	2.07	3.22	2.50	7.52	8.400	25.0 E	6.23	3.00	0.767	4.13	2.83	13
14	2.80	2.03	3.10	2.48	8.00	10.1 E	17.6 E	6.38	3.05	0.740	4.00	2.83	14
15	2.88	2.06	2.92	2.56	8.22	10.6 E	13.0 A	5.56	3.36	0.711	4.23	2.81	15
16	2.88	2.06	2.06	2.77	9.03	12.0 E	9.000	6.92	3.21	0.883	4.82	2.80	16
17	2.85	2.80	2.86	3.17	9.28	13.0 E	7.850	6.76	2.87	0.877	4.86	2.86	17
18	2.87	3.03	2.77	3.01	9.86	14.2 E	6.72A	6.40	2.80	0.876	4.82	2.500	18
19	2.88	3.12	2.88	4.46	8.93	12.6 E	6.86	4.25	2.27	1.88	4.33	2.400	19
20	2.88	3.16	2.88	4.67	10.4	11.0 E	6.47	3.97	2.00	3.32	4.13	2.220	20
21	2.88	3.16	2.08	5.52	12.6	10.1 E	6.14	3.72	1.80	3.90	4.02	2.160	21
22	2.76	3.20	2.38	5.56	11.6	7.625	5.86	3.66	1.81	4.80	3.90	2.070	22
23	1.87	2.46	2.20	6.04	12.6	7.164	6.12	2.66	1.86	4.15	3.74	2.010	23
24	1.88	2.48	2.66	7.90	13.6	7.002	6.90	2.86	1.82	3.76	3.66	2.000	24
25	1.63	2.08	2.66	6.20	15.1	6.220	6.61	4.25	1.86	3.83	3.63	2.000	25
26	1.84	2.00	2.60	6.79	14.2	7.632	7.67	4.06	2.29	4.30	3.61	1.960	26
27	1.86	2.00	2.66	6.21	14.9	7.21A	6.26	3.90	2.46	6.22	3.47	1.930	27
28	1.83	2.00	2.83	5.40	17.6	7.84	6.31	4.31	1.90	4.60	3.36	1.910	28
29	1.82		2.86	5.18	20.3	9.76	5.97	4.21	1.70	6.21	3.23	1.860	29
30	1.80		2.80	5.00	21.2	12.0	5.88	4.46	1.53	5.42	3.18	2.180	30
31	1.86		2.82		20.2		6.33	4.46		5.90		2.310	31
TOTAL	73.88	67.17	86.92	122.00	329.83	380.40	300.24	171.32	101.46	75.587	121.66	78.74	TOTAL
MEAN	2.38	2.40	2.78	4.10	10.6	12.0	9.60	5.53	3.38	2.44	4.03	2.67	MEAN
MAX	2.77	3.30	3.98	8.20	21.2	19.3	46.7	8.81	7.26	6.56	6.10	3.16	MAX
MIN	1.86	1.43	2.36	2.46	6.13	7.16	5.86	3.66	1.53	0.683	2.83	1.81	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.10
MAXIMUM DAILY, 46.7A ON JUL 12
MINIMUM DAILY, 0.683 ON OCT 10
MAXIMUM INSTANTANEOUS,
48.6 AT 01:30 PST ON JUL 12

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 47 26 N
LONG 118 04 45 W
DRAINAGE AREA, 80.8 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	6 380	JUL	26 000
FEB	5 800	AUG	14 800
MAR	7 380	SEP	8 770
APR	10 500	OCT	6 530
MAY	28 500	NOV	10 500
JUN	31 100	DEC	6 800

TOTAL DISCHARGE, 164 000 dam³

CRISS CREEK NEAR SAVONA - STATION NO. 08LF007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.2430	0.2500	0.407A	0.302	5.08A	10.5	2.82	0.420	0.175	0.470	0.887	0.8000
2	0.2470	0.2460	0.314	0.400	5.57A	8.12	3.10	0.373	0.827	0.485	0.889	0.7000
3	0.2490	0.2400	0.312	0.360	5.21A	7.89	3.59	0.372	1.42	0.515	1.11	0.7200
4	0.2500	0.2300	0.273	0.340	5.80A	7.13	3.41	0.303	1.10	0.525	1.21	0.7000
5	0.2530	0.2300	0.282	0.350	5.57A	6.38	2.81	0.248	0.841	0.547	1.15	0.6000
6	0.2580	0.2330	0.320	0.370	5.72A	4.41	2.30	0.173	0.711	0.557	1.05	0.5300
7	0.2560	0.2400	0.261	0.387	5.06A	3.82	2.02	0.124	0.620	0.534	1.01	0.6000
8	0.2590	0.2500	0.322	0.380	5.72A	3.37	1.88	0.082	0.867	0.404	1.03	0.8400
9	0.2660	0.2500	0.592	0.350	5.08A	2.96	1.88	0.125	0.770	0.466	1.01	0.6800
10	0.2720	0.2700	0.814	0.350	4.93A	2.87	1.82	0.286	0.821	0.454	0.984	0.6000
11	0.2600	0.300A	0.737	0.320	4.90A	2.65	1.48	0.281	0.784	0.459	1.04	0.7100
12	0.2800	0.402A	0.720	0.340	4.88E	2.70	1.41	0.421	1.04	0.424	1.07	0.7400
13	0.3000	0.500A	0.701	0.320	4.84A	2.96	1.27	0.486	1.15	0.434	1.11	0.7000
14	0.2740	0.398A	0.642	0.290	4.79A	2.51	1.17	0.261	0.858	0.502	1.08	0.7000
15	0.2800	0.387A	0.604	0.300	4.81A	2.36	1.42	0.314	0.802	0.617	1.10	0.6000
16	0.2300	0.398A	0.488	0.340	4.77A	2.80	1.81	0.289	0.782	0.646	1.08	0.5000
17	0.2420	0.398A	0.481	0.370	4.81A	2.97	1.90	0.240	0.885	0.690	1.21	0.5100
18	0.2480	0.4000	0.521	0.485	5.74A	3.29	1.81	0.230	1.06	0.749	1.30	0.4400
19	0.2520	0.4100	0.460	0.618	7.06A	2.81	1.36	0.212	1.01	0.718	1.26	0.3800
20	0.2560	0.425A	0.484	0.820	8.01A	3.01	1.24	0.185	0.904	0.808	1.23	0.3300
21	0.2800	0.467A	0.485	1.27	8.36A	7.35	1.20	0.150	0.871	0.688	1.15	0.3000
22	0.2800	0.575A	0.342	1.50	8.87A	5.86	1.16	0.134	0.837	0.887	0.730	0.2700
23	0.2800	0.567A	0.437	1.67	10.7 A	5.00	0.950	0.120	0.872	0.841	0.787	0.2600
24	0.2800	0.840A	0.387	2.74	12.3 A	4.71	0.834	0.096	0.816	0.885	0.819	0.2400
25	0.310A	1.02 A	0.461	4.88	12.9 A	4.31	0.801	0.081	0.761	0.783	0.984	0.2000
26	0.300A	1.02 A	0.563	5.48 A	12.8	3.61	1.03	0.080	0.880	0.748	1.02	0.2800
27	0.340A	0.786A	0.543	5.50 A	11.9	3.10	1.23	0.104	0.815	0.704	1.01	0.2800
28	0.350A	0.702A	0.303	5.35 A	12.0	2.78	0.974	0.100	0.561	0.809	1.01	0.2700
29	0.350A		0.455	4.93 A	12.3	2.41	0.700	0.083	0.540	0.703	0.944	0.2800
30	0.340A		0.400	5.34 A	12.8	2.74	0.683	0.096	0.606	0.704	0.9000	0.2800
31	0.2800		0.381		12.1		0.553	0.087		0.880		0.3060
TOTAL	8.574	12.474	14.719	48.280	236.27	127.16	50.226	6.704	24.467	19.676	31.328	15.708
MEAN	0.277	0.446	0.475	1.61	7.62	4.24	1.62	0.216	0.816	0.635	1.04	0.506
MAX	0.360	1.02	0.814	5.48	12.9	10.5	3.59	0.486	1.42	0.941	1.30	0.800
MIN	0.230	0.230	0.273	0.290	4.81	2.36	0.553	0.080	0.175	0.424	0.730	0.240

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.63
MAXIMUM DAILY, 12.9A ON MAY 25
MINIMUM DAILY, 0.080 ON AUG 26

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 53 04 N
LONG 120 57 54 W
DRAINAGE AREA, 480 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	741	JUL	4 340
FEB	1 080	AUG	584
MAR	1 270	SEP	2 110
APR	4 170	OCT	1 700
MAY	20 400	NOV	2 710
JUN	11 000	DEC	1 360

TOTAL DISCHARGE, 51 500 dam³

CRUICKSHANK RIVER NEAR THE MOUTH - STATION NO. 08HB076

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	5.41	10.5	22.9	12.3 E	33.0E	62.0E	32.8E	12.3 E	10.5	3.85	18.3	6.82
2	6.03	8.97	21.4	15.0 E	35.7E	56.5E	33.9E	11.9 E	10.0	3.95	60.7	6.35
3	5.84	8.62	18.3	13.8 E	33.4E	50.0E	33.8E	11.3 E	9.10	3.53	74.7	5.94
4	5.56	7.90	16.0	12.7 E	30.8E	40.5E	32.1E	10.6 E	8.70	3.52	57.7	5.32
5	6.33	7.05	14.0	11.4 E	26.8E	33.7E	21.4E	10.1 E	7.90	3.48	35.9	5.01
6	8.30	6.94	12.9	11.3 E	24.8E	31.3E	20.0E	9.71E	9.10	3.44	28.7	4.92
7	13.0	6.80	15.1	12.2 E	24.3E	31.3E	19.0E	8.96	8.30	3.38	27.7	4.37
8	26.3	6.56	83.2	11.4 E	23.0E	32.3E	18.0E	8.40	7.90	3.18	18.8	4.62
9	16.7	6.50	194	10.3 E	17.1E	40.0E	17.1E	8.62	8.84	3.10	18.8	4.30
10	23.4	6.00	137	9.90E	16.8E	61.0E	16.7E	8.40	8.00	3.06	35.7	4.08
11	30.4	128	111	9.30E	16.0E	70.0E	30.0E	8.30	10.4	2.80	170	4.77
12	44.8	160	70.9E	8.90E	20.3E	64.5E	30.0E	9.15	9.15	2.84	98.1	5.31
13	31.0	101	54.0E	8.40E	23.3E	30.5E	45.3E	8.92	7.30	2.85	57.3	5.30
14	18.8	62.3	37.3E	8.10E	24.1E	27.5E	27.5E	8.80	8.84	2.86	47.4	5.88
15	14.5	42.2	47.0E	8.50E	19.8E	27.3E	31.5E	7.94	8.33	2.73	176	4.93
16	11.8	34.4	26.3E	10.0 E	19.7E	26.7E	25.0E	7.84	5.85	2.74	122	4.31
17	12.9	47.9	19.0E	12.0 E	20.0E	25.5E	20.4E	7.48	5.55	2.90	127	3.96
18	113	35.9	15.0E	13.9 E	23.5E	25.0E	19.3E	7.40	5.33	2.78	76.3	3.71
19	63.9	25.4	13.3E	16.1 E	27.7E	23.5E	16.7E	7.10	5.19	3.00	45.0	3.06
20	35.4	21.8	12.1E	10.2 E	45.0E	23.3E	30.5E	6.72	4.94	5.84	35.2	3.11
21	33.2	16.0	11.8E	16.1 E	48.3E	30.3E	20.0E	6.44	4.60	70.1	18.3	2.84
22	18.0	26.5	11.6E	17.0 E	44.3E	19.0E	22.5E	6.17	4.40	57.0	15.7	2.80
23	15.5	93.0	11.0E	16.8 E	48.1E	19.5E	19.3E	6.00	4.30	30.4	13.8	2.52
24	16.7	81.4	12.1E	22.6 E	54.0E	22.5E	18.4E	6.16	4.36	13.2	15.8	2.40
25	34.9	40.9	11.7E	24.1 E	60.1E	23.3E	15.1E	6.12	4.17	16.4	15.7	2.33
26	63.9	37.4	11.4E	25.0 E	64.3E	22.1E	14.0E	6.00	4.01	65.2	13.0	2.24
27	43.8	30.4	11.7E	23.7 E	49.5E	23.0E	14.0E	5.70	4.00	44.8	13.2	2.30
28	35.8	35.2	11.4E	22.4 E	46.0E	22.9E	13.5E	16.1	4.00	21.2	11.5	2.26
29	18.5		12.0E	20.0 E	61.0E	22.8E	13.3E	15.8	3.81	14.2	9.44	2.17
30	14.7		21.0E	20.5 E	70.0E	23.0E	12.8E	12.8	3.72	16.5	7.02	2.76
31	12.9		18.7E		70.0E		12.7E	11.9		18.0		3.78
TOTAL	795.37	1 105.34	1 080.5	465.20	1 195.7	881.5	683.3	282.02	184.77	467.07	1 466.37	125.01
MEAN	25.6	39.5	34.2	15.5	38.7	33.1	21.0	9.12	6.08	13.3	48.9	4.06
MAX	113	160	194	25.0	70.0	70.0	45.3	16.1	10.5	74.1	176	6.82
MIN	5.41	6.50	11.4	8.10	16.8	19.0	12.7	5.70	3.72	2.73	7.02	2.17

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 23.7
MAXIMUM DAILY, 194 ON MAR 9
MINIMUM DAILY, 2.17 ON DEC 29
MAXIMUM INSTANTANEOUS,
290 AT 10:11 PST ON FEB 11

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 34 05 N
LONG 125 12 03 W
DRAINAGE AREA, 214 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	67 900	JUL	58 400
FEB	95 500	AUG	24 400
MAR	91 700	SEP	16 000
APR	40 200	OCT	35 300
MAY	95 800	NOV	120 000
JUN	85 700	DEC	10 900

TOTAL DISCHARGE, 752 000 dam³

CUSHEON CREEK AT OUTLET OF CUSHEON LAKE - STATION NO 08HA026

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.298	0.356	0.642	0.321	0.035	0.004	0.001	0	0	---	---	---	1
2	0.310	0.310	0.526	0.337	0.032	0.004	0.001	0	0	---	---	---	2
3	0.300	0.264	0.526	0.306	0.031	0.004	0.001	0	0	---	---	---	3
4	0.328	0.221	0.462	0.190	0.031	0.004	0.001	0	0	---	---	---	4
5	0.328	0.221	0.380	0.164	0.028	0.005	0.001	0	0	---	---	---	5
6	0.890	0.190	0.310	0.155	0.027	0.003	0.001	0	0	---	---	---	6
7	0.880	0.177	0.237	0.155	0.025	0.002	0.001	0	0	---	---	---	7
8	0.884	0.205	0.237	0.149	0.025	0.002	0.001	0	0	---	---	---	8
9	0.880	0.237	0.272	0.144	0.027	0.002	0.001	0	---	---	---	---	9
10	0.890	0.310	0.386	0.138	0.024	0.002	0.001	0	---	---	---	---	10
11	0.935	0.356	0.356	0.118	0.021	0.002	0.001	0	---	---	---	---	11
12	0.482	0.422	0.406	0.111	0.020	0.001	0.001	0	---	---	---	---	12
13	0.482	0.422	0.380	0.111	0.019	0.001	0.001	0	---	---	---	---	13
14	0.788	0.482	0.432	0.100	0.018	0.001	0.001	0	---	---	---	---	14
15	0.332	0.526	0.432	0.096	0.018	0.001	0.001	0	---	---	---	0.000	15
16	0.398	0.842	0.380	0.078	0.018	0.001	0.001	0	---	---	---	---	16
17	0.272	0.884	0.380	0.078	0.017	0.001	0	0	---	---	---	---	17
18	0.272	0.884	0.356	0.088	0.015	0.001	0	0	---	---	---	---	18
19	0.237	0.890	0.356	0.082	0.012	0.001	0	0	---	---	---	---	19
20	0.190	0.884	0.290	0.064	0.008	0.001	0	0	---	---	---	---	20
21	0.177	0.842	0.280	0.038	0.006	0.001	0.001	0	---	---	---	---	21
22	0.163	1.03	0.256	0.039	0.006	0.001	0.001	0	---	---	---	---	22
23	0.163	1.16	0.205	0.037	0.006	0.001	0.001	0	---	---	---	0.174	23
24	0.177	1.31	0.205	0.042	0.005	0.001	0	0	---	---	---	---	24
25	0.177	1.31	0.177	0.046	0.006	0.001	0	0	---	---	---	---	25
26	0.221	1.16	0.177	0.048	0.005	0.001	0	0	---	---	---	---	26
27	0.284	0.900	0.153	0.048	0.005	0.001	0	0	---	---	---	---	27
28	0.272	0.732	0.131	0.044	0.005	0.001	0	0.001	0	---	---	---	28
29	0.332		0.131	0.039	0.004	0.001	0	0	0	---	---	---	29
30	0.380		0.164	0.037	0.004	0.001	0	0	0	---	---	---	30
31	0.356		0.190		0.004		0	0		---	---	---	31
TOTAL	11.190	10.057	9.783	3.041	0.508	0.051	0.029	0	---	---	---	---	TOTAL
MEAN	0.358	0.586	0.316	0.101	0.016	0.002	0.001	0	---	---	---	---	MEAN
MAX	0.884	1.31	0.642	0.337	0.035	0.004	0.001	0	---	---	---	---	MAX
MIN	0.163	0.177	0.131	0.037	0.004	0.001	0	0	---	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 0.00 JUL 17

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 48 42 N
LONG 123 27 15 W
DRAINAGE AREA, 3.48 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	990	JUL	1 73
FEB	1 420	AUG	0
MAR	848	SEP	---
APR	263	OCT	---
MAY	44.0	NOV	---
JUN	4.41	DEC	---

CUSHEON LAKE NEAR GANGES - STATION NO 08HA035

DAILY WATER LEVEL IN METRES FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.077	1.138	1.148	1.037	0.988	0.887	0.814	0.748	0.688	0.882	0.888	1.172	1
2	1.078	1.121	1.124	1.042	0.954	0.884	0.818	0.727	0.688	0.880	0.892	1.147	2
3	1.078	1.102	1.088	1.042	0.947	0.883	0.811	0.725	0.688	0.880	0.734	1.207	3
4	1.109	1.087	1.088	1.047	0.944	0.887	0.808	0.720	0.882	0.888	0.787	1.087	4
5	1.232	1.078	1.087	1.048	0.937	0.884	0.804	0.725	0.878	0.882	0.782	1.087	5
6	1.227	1.088	1.088	1.037	0.935	0.847	0.804	0.721	0.877	0.882	0.787	1.084	6
7	1.212	1.088	1.088	1.028	0.935	0.845	0.798	0.717	0.873	0.887	0.788	1.085	7
8	1.234	1.047	1.087	1.032	0.927	0.843	0.794	0.710	0.887	0.888	0.788	1.087	8
9	1.282	1.082	1.138	1.032	0.927	0.837	0.788	0.704	0.887	0.882	0.823	1.107	9
10	1.280	1.087	1.202	1.032	0.935	0.836	0.787	0.705	0.884	0.888	0.845	1.132	10
11	1.247	1.205	1.218	1.037	0.934	0.834	0.787	0.888	0.887	0.847	0.888	1.148	11
12	1.217	1.222	1.218	1.007	0.932	0.833	0.788	0.888	0.885	0.848	0.887	1.148	12
13	1.188	1.204	1.202	1.004	0.922	0.830	0.800	0.888	0.883	0.847	0.888	1.188	13
14	1.181	1.202	1.222	1.003	0.917	0.827	0.788	0.887	0.881	0.847	0.812	1.187	14
15	1.128	1.208	1.213	0.986	0.917	0.826	0.787	0.8828	0.882	0.847	0.887	1.174	15
16	1.108	1.208	1.1982	0.984	0.918	0.824	0.788	0.878	0.887	0.847	1.127	1.147	16
17	1.082	1.208	1.187	0.987	0.917	0.827	0.783	0.878	0.888	0.887	1.183	1.127	17
18	1.081	1.224	1.132	0.984	0.912	0.827	0.788	0.888	0.887	0.847	1.228	1.138	18
19	1.078	1.238	1.118	0.977	0.912	0.827	0.787	0.888	0.882	0.887	1.238	1.098	19
20	1.088	1.448	1.088	0.978	0.913	0.842	0.788	0.888	0.887	0.847	1.804	1.087	20
21	1.088	1.478	1.088	0.972	0.911	0.888	0.783	0.888	0.882	0.887	1.887	1.082	21
22	1.087	1.478	1.088	0.988	0.988	0.837	0.777	0.848	0.888	0.886	1.887	1.082	22
23	1.088	1.448	1.083	0.987	0.982	0.832	0.774	0.848	0.884	0.882	1.387	1.071	23
24	1.082	1.388	1.084	0.971	0.988	0.838	0.778	0.844	0.882	0.887	1.347	1.087	24
25	1.088	1.332	1.083	0.972	0.982	0.827	0.788	0.838	0.877	0.887	1.887	1.088	25
26	1.088	1.281	1.018	0.978	0.8888	0.827	0.787	0.834	0.877	0.887	1.887	1.087	26
27	1.147	1.248	1.014	0.976	0.982	0.827	0.782	0.832	0.876	0.887	1.488	1.087	27
28	1.182	1.188	1.088	0.972	0.977	0.828	0.788	0.832	0.878	0.887	1.484	1.088	28
29	1.284		1.083	0.988	0.977	0.823	0.783	0.834	0.887	0.887	1.287	1.085	29
30	1.187		1.084	0.985	0.972	0.818	0.788	0.837	0.884	0.877	1.244	1.081	30
31	1.188		1.084		0.987		0.787	0.838		0.884		1.184	31
MEAN	1.188	1.287	1.182	1.888	0.918	0.837	0.788	0.888	0.882	0.888	1.887	1.112	MEAN
MAX	1.284	1.478	1.222	1.048	0.988	0.887	0.818	0.748	0.887	0.884	1.887	1.287	MAX
MIN	1.887	1.847	1.888	0.988	0.887	0.818	0.787	0.833	0.884	0.848	0.888	1.888	MIN

WATER LEVELS IN METRES

MEAN, 0.837
MAXIMUM DAILY, 1.887 08 NOV 21
MINIMUM DAILY, 0.833 08 AUG 27

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - MANUAL
LOCATION - LAT 48 48 52 N
LONG 123 28 00 W

E - ESTIMATED

NATURAL FLOW

DAVES CREEK NEAR RUTLAND - STATION NO. 08NM137

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.033	0.042	0.087	0.197	1.13 E	0.232	0.079	0.073	0.040	0.032	0.070E	0.040	1
2	0.034	0.042	0.084	0.178	1.15 E	0.216	0.348	0.064	0.132	0.033	0.068E	0.0318	2
3	0.035	0.041	0.090	0.168	1.12 E	0.181	0.390	0.061	0.104	0.034	0.077E	0.0338	3
4	0.036	0.040	0.095	0.180	1.08 A	0.121	0.281	0.057	0.070	0.034	0.073E	0.0338	4
5	0.036	0.0408	0.092	0.201	1.05	0.088	0.148	0.053	0.112	0.033	0.070E	0.0338	5
6	0.036	0.0408	0.087	0.249	0.980	0.068	0.124	0.048	0.079	0.033	0.068E	0.0338	6
7	0.038	0.040	0.090	0.260	1.05	0.036	0.123	0.045	0.060	0.033	0.063E	0.0338	7
8	0.042	0.037	0.089	0.255	0.928	0.033	0.317	0.042	0.052	0.031	0.064E	0.0358	8
9	0.040	0.037	0.097A	0.233	0.835	0.028	0.529	0.043	0.048	0.031	0.063E	0.0368	9
10	0.042	0.036	0.095	0.219	0.762	0.033	0.354	0.041	0.058	0.030	0.062E	0.0378	10
11	0.042	0.038	0.097	0.204	0.721	0.029	0.324	0.200	0.095	0.029	0.064E	0.0398	11
12	0.041	0.051	0.345	0.189	0.678	0.026	0.335	0.174	0.072	0.028	0.064E	0.0418	12
13	0.040	0.050	0.305	0.189	0.658	0.021	0.324	0.107	0.061	0.029	0.065E	0.043	13
14	0.040	0.053	0.260	0.214	0.649	0.020	0.261	0.078	0.062	0.029	0.074E	0.044	14
15	0.040	0.049	0.240	0.284	0.704	0.142	0.205	0.063	0.058A	0.030	0.067E	0.043	15
16	0.038	0.048	0.224	0.328	0.686	0.078	0.272	0.053	0.052E	0.029	0.063E	0.041	16
17	0.039	0.051	0.213	0.508	0.638	0.140	0.174	0.048	0.052E	0.041	0.056E	0.038	17
18	0.040	0.051	0.192	0.627	0.622	0.395	0.138	0.046	0.050E	0.081	0.051E	0.035	18
19	0.040	0.049	0.176	0.381	0.568	0.185	0.125	0.041	0.048E	0.051A	0.078E	0.031	19
20	0.039	0.048	0.174	0.288	0.583	0.193	0.128	0.038	0.047E	0.050E	0.050E	0.029	20
21	0.039	0.048	0.182	0.423	0.546	0.248	0.123	0.033	0.045A	0.052E	0.052E	0.023	21
22	0.0398	0.048	0.181	0.415	0.486	0.183	0.117	0.031	0.044	0.054E	0.056A	0.019	22
23	0.042	0.678	0.177	0.824	0.445	0.184	0.116	0.029	0.042	0.055E	0.056	0.018A	23
24	0.041	0.118	0.176	0.8295E	0.448	0.260	0.116	0.026	0.040	0.054E	0.057	0.0188	24
25	0.040	0.136	0.177	1.42 E	0.422	0.225	0.082	0.060	0.037	0.053E	0.060	0.0200	25
26	0.041	0.112	0.175	1.38 A	0.380	0.112	0.137	0.050	0.035	0.052E	0.065	0.0248	26
27	0.048	0.103	0.175	1.23 E	0.358	0.080	0.111	0.044	0.033	0.051E	0.060	0.0238	27
28	0.048	0.094	0.183	1.10 E	0.328	0.072	0.122	0.042	0.032	0.051E	0.057	0.027	28
29	0.045		0.185	1.01 E	0.299	0.069	0.188	0.042	0.031	0.050E	0.051	0.027	29
30	0.043		0.175	1.04 E	0.276	0.077	0.268	0.045	0.031	0.052E	0.045	0.028	30
31	0.042		0.184		0.251		0.378	0.040		0.0568		0.027	31
TOTAL	1.239	1.812	5.656	18.130	20.625	3.721	6.294	1.872	1.722	1.280	2.000	0.977	TOTAL
MEAN	0.040	0.058	0.182	0.604	0.672	0.124	0.202	0.060	0.057	0.041	0.067	0.032	MEAN
MAX	0.048	0.136	0.345	1.42	1.15	0.395	0.528	0.200	0.132	0.081	0.086	0.044	MAX
MIN	0.033	0.036	0.087	0.168	0.251	0.020	0.078	0.029	0.031	0.029	0.045	0.018	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.171
MAXIMUM DAILY, 1.42E ON APR 25
MINIMUM DAILY, 0.018A ON DEC 23

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 52 05 N
LONG 119 18 27 W
DRAINAGE AREA, 31.1 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	107	JUL	543
FEB	156	AUG	162
MAR	488	SEP	149
APR	1 210	OCT	111
MAY	1 800	NOV	174
JUN	321	DEC	84.4

TOTAL DISCHARGE, 5 390 dam³

DAWSON CREEK ABOVE SOUTH DAWSON CREEK - STATION NO. 07FD015

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.1138	0.000	0.3728	0.0158	0.006	0 E	0.001	---	1
2	---	---	---	1.57	0.118	0.000	0.0298	0.010	0.007	0 E	0.001	---	2
3	---	---	---	2.88 E	0.082	0.007	0.0858	0.585	0.0058E	0	0	---	3
4	---	---	---	3.73 E	0.085	0.0078	1.14	0.247	0.0048E	0	0	---	4
5	---	---	---	4.62 E	0.042	0.0068	0.778	0.103	0.0038	0	---	---	5
6	---	---	---	5.00	0.031	0.005	0.298	0.0728	0.002	0	---	---	6
7	---	---	---	5.11	0.0328	0.005	4.88	0.0428	0.003	0	---	---	7
8	---	---	---	5.50	0.0328	0.005	7.46	0.011	0.002	0 E	---	---	8
9	---	---	---	4.31 E	0.033	0.007	5.11 E	0.000	0.002	0 E	---	---	9
10	---	---	---	3.12 E	0.035	0.005	2.73 E	0.007	0.0018	0	---	---	10
11	---	---	---	1.93	0.034	0.0058	0.358	0.005	0.0018	0	---	---	11
12	---	---	---	0.218	0.035	0.0058	0.228	0.005	0.001	0	---	---	12
13	---	---	---	0.241	0.023	0.005	0.155	0.0058	0	0.001	---	---	13
14	---	---	---	0.493	0.0208	0.005	1.34	0.0058	0	0.001	---	---	14
15	---	---	---	0.818	0.0168	0.004	21.0 E	0.005	0	0.0028	---	---	15
16	---	---	---	0.7608	0.015	0.004	14.4 E	0.005	0	0.0028	---	---	16
17	---	---	---	0.5198	0.012	0.003	7.84 E	0.005	0 E	0.002	---	---	17
18	---	---	---	0.488	0.012	0.0038	1.27	0.004	0 E	0.002	---	---	18
19	---	---	---	0.481	0.011	0.1248	0.588	0.004	0	0.002	---	---	19
20	---	---	---	0.226	0.020	0.184	0.488	0.0048	0	0.003	---	---	20
21	---	---	---	0.181	0.0178	0.067	3.03	0.0038	0	0.001	---	---	21
22	---	---	---	0.118	0.0148	0.058	0.882	0.002	0	0.0018	---	---	22
23	---	---	---	0.1018	0.0108	0.031	0.8008	0.002	0	0.0018	---	---	23
24	---	---	---	0.0928	0.007	0.017	0.2888	0.002	0 E	0.001	---	---	24
25	---	---	---	0.082	0.008	0.3628	0.100	0.001	0 E	0.001	---	---	25
26	---	---	---	0.068	0.018	0.6878	0.218	0.001	0	0.001	---	---	26
27	---	---	---	0.063	0.010	1.02	0.122	0.0018	0	0.001	---	---	27
28	---	---	---	0.028	0.0068	0.258	0.048	0.0018	0	0.001	---	---	28
29	---	---	---	0.108	0.0078	0.171	0.028	0.001	0	0.0018	---	---	29
30	---	---	---	0.1128	0.008	0.118	0.0208	0.001	0	0.0018	---	---	30
31	---	---	---		E 0.000		0.0108	0.001		0.001	---	---	31
TOTAL	---	---	---	---	0.680	3.237	70.882	1.138	0.037	0.025	---	---	TOTAL
MEAN	---	---	---	---	0.026	0.108	2.47	0.037	0.001	0.001	---	---	MEAN
MAX	---	---	---	---	0.118	1.02	21.0	0.585	0.007	0.002	---	---	MAX
MIN	---	---	---	---	0.000	0.003	0.018	0.001	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 21.0E ON JUL 15
MINIMUM DAILY, 0.00 SEP 13

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - MANUAL
LOCATION - LAT 55 45 43 N
LONG 120 15 00 W
DRAINAGE AREA, 110 km²

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	6 810
FEB	---	AUG	98.2
MAR	---	SEP	3.90
APR	---	OCT	2.10
MAY	75.0	NOV	---
JUN	380	DEC	---

DEADMAN RIVER ABOVE CRISS CREEK - STATION NO. 08LF027

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.495B	0.616	0.610	0.582	8.98	4.19	2.01	1.16	0.914	0.660	0.616	0.595	1
2	0.500B	0.616	0.591	0.591	9.11	4.00	1.95	1.13	1.11	0.660	0.611	0.595	2
3	0.503B	0.616	0.555	0.591	9.56	3.66	1.93	1.06	1.05	0.665	0.620	0.580B	3
4	0.510B	0.616	0.532	0.595	9.67	3.44	1.91	1.03	1.01	0.655	0.620	0.565B	4
5	0.519B	0.626	0.550	0.600	9.29	3.35	2.01	1.04	1.03	0.660	0.625	0.550B	5
6	0.550B	0.620B	0.555	0.610	8.85	3.23	2.02	1.03	0.970	0.645	0.625	0.642B	6
7	0.560B	0.620B	0.573	0.610	8.73	2.99	2.07	1.03	1.00	0.645	0.625	0.636B	7
8	0.573	0.626	0.582	0.616	8.43	2.88	2.01	0.942	0.986	0.635	0.630	0.637B	8
9	0.600	0.616	0.600	0.621	8.51	2.63	1.98	0.900	0.970	0.640	0.630	0.638B	9
10	0.600	0.616	0.595	0.631	8.43	2.47	1.89	0.887	0.970	0.635	0.635	0.630B	10
11	0.600	0.610	0.586	0.631	8.18	2.33	1.82	0.935	0.970	0.630	0.635	0.622B	11
12	0.591	0.610	0.577	0.642	8.13	2.17	1.75	0.921	0.963E	0.630	0.635	0.620B	12
13	0.591	0.610	0.577	0.652	8.03	1.94	1.70	0.900	0.956	0.625	0.640	0.622B	13
14	0.586	0.610	0.573	0.631	7.98	1.87	1.63	0.894	0.949	0.630	0.645	0.633B	14
15	0.595	0.610	0.573	0.652	7.71	1.85	1.59	0.881	0.942	0.630	0.645	0.640B	15
16	0.600	0.610	0.573	0.780	6.93	1.81	1.55	0.868	0.900	0.635	0.655	0.645B	16
17	0.595	0.610	0.573	0.780	6.83	1.76	1.51	0.848	0.887	0.700	0.675	0.640B	17
18	0.591	0.610	0.573	0.820	6.74	1.72	1.46	0.874	0.805	0.660	0.670	0.630B	18
19	0.595	0.310	0.568	0.868	6.64	1.80	1.42	0.887	0.75[illegible]	0.645	0.670	0.630B	19
20	0.595	0.610	0.568	0.904	6.59	1.82	1.38	0.900	0.731	0.635	0.675	0.600B	20
21	0.600	0.610	0.564	0.950	6.54	1.89	1.36	0.868	0.710	0.630	0.680	0.580B	21
22	0.600	0.610	0.564	1.01	6.47	1.96	1.33	0.861	0.705	0.620	0.680	0.550B	22
23	0.610	0.610	0.564	1.23	6.56	2.10	1.29	0.861	0.695	0.620	0.685	0.535B	23
24	0.621	0.610	0.569	1.62	6.56	2.39	1.26	0.900	0.670	0.630	0.690	0.510B	24
25	0.636	0.610	0.578	2.16	6.14	2.41	1.26	0.935	0.670	0.635	0.690	0.500B	25
26	0.652	0.610	0.578	2.66	5.93	2.39	1.39	0.935	0.670	0.625	0.695	0.500B	26
27	0.642	0.610	0.582	3.13	5.72	2.39	1.29	0.942	0.670E	0.620	0.695	0.505B	27
28	0.621	0.610	0.582	4.01	5.40	2.22	1.29	0.935	0.670	0.625	0.695	0.500B	28
29	0.616		0.578	4.28	5.08	2.24	1.20	0.928	0.670E	0.625	0.700	0.512B	29
30	0.616		0.578	4.34	4.78	2.16	1.19	0.928	0.665E	0.620	0.700	0.520B	30
31	0.616		0.582		4.38		1.17	0.900		0.620		0.526B	31
TOTAL	18.179	17.168	17.803	38.897	225.94	74.06	49.61	29.130	25.667	19.790	19.682	18.612	TOTAL
MEAN	0.586	0.613	0.574	1.30	7.32	2.47	1.60	0.940	0.856	0.638	0.656	0.600	MEAN
MAX	0.652	0.626	0.610	4.34	9.67	4.19	2.07	1.16	1.11	0.700	0.700	0.695	MAX
MIN	0.495	0.610	0.532	0.582	4.38	1.72	1.17	0.848	0.665	0.620	0.611	0.500	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.52
MAXIMUM DAILY, 9.67 ON MAY 4
MINIMUM DAILY, 0.495B ON JAN 1

TYPE OF GAUGE - MANUAL
LOCATION - LAT 50 53 53 N
LONG 120 58 28 W
DRAINAGE AREA, 882 km^2

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 570	JUL	4 290
FEB	1 480	AUG	2 520
MAR	1 540	SEP	2 220
APR	3 360	OCT	1 710
MAY	19 500	NOV	1 700
JUN	6 400	DEC	1 610

TOTAL DISCHARGE, 44 000 dam^3

DEAN RIVER BELOW TANSWANKET CREEK - STATION NO 08FC003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.77B	3.31B	4.30B	3.31B	31.3	41.1	45.3	16.0	4.20	5.89	10.9	3.85B	1
2	3.76B	3.30B	4.24B	3.29B	31.4	40.0	40.6	15.2	4.79	6.53	10.6	3.80B	2
3	3.76B	3.27B	4.16B	3.23B	31.6	43.1	38.3	14.3	5.66	5.97	10.4	3.70B	3
4	3.72B	3.22B	4.08B	3.20B	31.5	34.5	35.3	13.6	5.51	6.68	10.2	3.60B	4
5	3.70B	3.17B	4.00B	3.17B	31.5	29.8	32.3	12.3	5.92	6.20	9.91	3.45B	5
6	3.80B	3.20B	3.87B	3.25B	31.4	28.3	29.4	11.4	6.06	5.95	7.98	3.35B	6
7	3.63B	3.30B	3.77B	3.29B	31.2	27.0	27.9	10.6	6.50	5.75	6.70B	3.31B	7
8	3.70B	3.40B	3.70B	3.30B	30.1	25.8	26.6	10.3	7.70	5.54	6.40B	3.30B	8
9	3.75B	3.55B	3.61B	3.20B	28.2	24.6	27.0	10.1	7.03	5.84	6.20B	3.35B	9
10	3.76B	3.75B	3.65B	3.24B	26.8	23.4	25.1	10.9	6.00	6.06	6.10B	3.38B	10
11	3.79B	3.90B	3.70B	3.18B	24.6	22.0	22.7	9.67	5.86	5.76	6.00B	3.40B	11
12	3.80B	4.00B	3.72B	3.11B	24.2	20.1	21.9	8.91	5.89	5.63	5.95B	3.34B	12
13	3.80B	3.95B	3.74B	3.07B	24.9	18.3	21.5	8.31	5.62	5.84	5.90B	3.25B	13
14	3.78B	3.85B	3.75B	3.12B	26.2	17.4	24.1	7.75	6.26	5.95	5.75B	3.17B	14
15	3.77B	3.70B	3.73B	3.40B	26.4	16.3	30.6	7.39	6.60	5.89	5.65B	3.07B	15
16	3.76B	3.70B	3.71B	3.61B	28.1	16.0	33.9	6.70	7.10	5.87	5.50B	3.00B	16
17	3.70B	3.65B	3.70B	3.68B	28.6	16.1	33.7	6.54	7.59	5.40	5.30B	2.93B	17
18	3.68B	3.55B	3.69B	4.10B	28.8	16.7	32.6	6.13	7.87	5.66	5.15B	2.86B	18
19	3.68B	3.53B	3.66B	4.40B	27.9	20.2	30.6	6.60	7.89	5.60	5.00B	2.82B	19
20	3.62B	3.60B	3.66B	4.60B	32.8	18.1	29.1	6.27	7.90	5.86	4.80B	2.77B	20
21	3.60B	3.65B	3.63B	4.70B	30.9	16.6	27.9	6.13	7.41	5.70	4.65B	2.73B	21
22	3.55B	3.62B	3.60B	6.00B	30.7	16.6	25.6	6.04	6.71	5.70	4.50B	2.69B	22
23	3.50B	4.00B	3.57B	8.00B	30.3	15.8	24.0	4.66	6.51	6.04	4.40B	2.35B	23
24	3.47B	4.10B	3.55B	12.5 B	40.6	23.5	22.5	4.87	6.33	6.26	4.30B	2.00B	24
25	3.41B	4.45B	3.52B	18.6 A	41.6	48.3	21.0	4.90	6.19	6.07	4.20B	2.01B	25
26	3.39B	4.43B	3.50B	22.8	39.4	62.2	21.6	4.56	6.18	7.44	4.12B	2.84B	26
27	3.38B	4.40B	3.50B	23.9	35.5	62.8	22.0	4.70	6.13	10.7	4.07B	2.86B	27
28	3.38B	4.35B	3.48B	26.0	33.7	59.4	22.1	4.26	6.01	11.1	4.03B	2.71B	28
29	3.36B		3.45B	27.4	36.9	51.4	21.4	4.30	6.10	10.7	4.00B	2.80B	29
30	3.34B		3.41B	29.9	41.6	47.4	19.6	4.32	5.90	10.3	3.95B	2.86B	30
31	3.33B		3.37B		43.8		17.7	4.26		10.4		2.93B	31
TOTAL	112.22	104.29	115.06	247.62	1 000.3	904.1	854.1	247.66	189.76	207.06	182.61	95.90	TOTAL
MEAN	3.62	3.72	3.71	8.26	32.3	30.1	27.6	8.00	6.33	6.70	6.09	3.09	MEAN
MAX	3.80	4.45	4.30	29.9	43.8	62.8	45.3	16.0	7.87	11.1	10.9	3.85	MAX
MIN	3.33	3.17	3.37	3.07	24.2	15.8	17.7	4.26	4.20	5.40	3.95	2.00	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 11.7
MAXIMUM DAILY, 62.8 ON JUN 27
MINIMUM DAILY, 2.00B ON DEC 24
MAXIMUM INSTANTANEOUS,
63.6 AT 00:28 PST ON JUN 28

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 53 23 N
LONG 125 46 17 W
DRAINAGE AREA, 3 780 km^2
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	9 700	JUL	73 800
FEB	9 010	AUG	21 400
MAR	9 940	SEP	16 400
APR	21 400	OCT	18 000
MAY	86 400	NOV	15 800
JUN	78 100	DEC	8 290

TOTAL DISCHARGE, 368 000 dam^3

DEASE LAKE NEAR TELEGRAPH CREEK - STATION NO. 10AC001

DAILY WATER LEVEL IN METRES FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.356	---	---	0.849	0.811	---	---	---	---	1
2	---	---	---	---	0.903	---	---	---	0.765	---	---	---	2
3	---	---	---	---	---	1.035	---	---	---	0.771	---	---	3
4	---	0.428	0.398	---	---	---	0.887	---	---	---	0.856	---	4
5	---	---	---	---	---	---	---	0.796	0.758	---	---	---	5
6	---	---	---	---	0.817	1.047	---	---	---	---	---	---	6
7	0.486	---	---	0.370	---	---	---	---	---	0.765	0.819	---	7
8	---	---	---	---	---	---	0.983	0.780	---	---	---	---	8
9	---	---	---	---	0.877	---	---	---	0.765	---	---	0.516	9
10	---	---	---	---	---	1.044	---	---	---	0.753	---	---	10
11	---	0.421	0.397	---	---	---	0.882	---	---	---	0.801	---	11
12	---	---	---	---	---	---	---	0.763	0.753	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	0.473	---	---	---	0.761	1.032	---	---	---	0.740	---	---	14
15	---	---	---	0.366	---	---	0.922	0.731	---	---	---	---	15
16	---	---	---	---	0.703	---	---	---	0.708	---	---	0.483	16
17	---	0.415	---	---	---	0.976	---	---	---	0.731	---	0.492	17
18	---	---	0.386	---	---	---	0.879	---	---	---	---	---	18
19	---	---	---	---	---	---	---	0.768	0.705	---	---	---	19
20	---	---	---	---	0.632	0.860	---	---	---	---	---	---	20
21	0.445	---	---	0.369	---	---	---	---	---	0.722	---	---	21
22	---	---	---	---	---	---	0.845	0.788	---	---	---	---	22
23	---	---	---	---	0.840	---	---	---	0.700	---	---	0.466	23
24	---	0.410	0.382	---	---	0.823	---	---	---	0.710	---	---	24
25	---	---	---	0.369	---	---	0.852	---	---	---	---	---	25
26	---	---	---	---	---	---	---	0.783	0.782	---	---	---	26
27	---	---	---	---	---	0.883	---	---	---	---	---	---	27
28	0.415	---	---	---	0.838	---	---	---	---	0.683	---	---	28
29	---		---	0.403	---	---	0.820	0.761	---	---	---	0.471	29
30	---		---	---	0.838	---	---	---	0.776	---	---	---	30
31	---		---		---		---	---		0.685			31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - MANUAL
LOCATION - LAT 58 27 35 N
LONG 130 02 12 W

NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

DEASE RIVER AT MCDAME - STATION NO. 10AC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	16.50	16.00	16.10	15.10	32.50	540	1/48	197	122	122	59 1	36.00	1
2	16.50	16.50	16.00	15.20	37.50	484	1/52	186	123	130	57.7	36.50	2
3	16.50	16.20	16.00	15.40	45.00	374	1/76	166	171	130	55.50	36.50	3
4	16.50	16.00	16.00	15.50	54.00	313	2/20	107	201	136	54.50	36.00	4
5	16.50	15.80	15.90	15.50	62.00	266	2/40	105	216	136	51.00	35.00	5
6	16.20	15.70	15.70	15.40	67.0	252	2/50	99.9	200	131	47.00	33.50	6
7	17.00	15.70	15.50	15.20	72.0	274	2/40	96.2	186	126	43.50	33.20	7
8	16.00	15.70	15.50	15.00	76.4	270	2/15	93.6	185	121	43.00	32.00	8
9	16.30	15.70	15.50	14.80	82.8	265	2/02	89.6	173	117	43.00	30.50	9
10	16.20	15.00	15.50	14.60	86.7	270	1/83	86.1	163	107	43.00	29.00	10
11	16.30	15.50	15.70	14.50	88.3	286	1/67	84.2	154	106	43.00	28.00	11
12	16.50	15.60	15.60	14.40	100	274	1/78	85.9	148	107	43.00	27.50	12
13	16.80	15.63	15.00	14.40	114	251	1/81	84.7	147	106	42.00	27.00	13
14	17.00	15.90	15.00	14.40	118	231	1/80	82.5	149	101	41.00	27.00	14
15	17.00	16.00	15.00	14.40	123	227	1/40	85.7	147	97.4	41.00	27.00	15
16	17.00	16.00	15.00	14.40	139	251	1/36	106	142	91.9	41.50	26.50	16
17	17.00	16.10	15.00	14.30	143	220	1/20	116	135	88.1	41.50	26.00	17
18	17.00	16.20	15.00	14.30	131	208	1/21	142	130	89.5	41.00	26.00	18
19	17.00	16.50	15.00	14.30	116	208	1/16	160	124	86.7	40.00	26.50	19
20	17.00	16.00	15.00	14.30	126	224	1/13	173	122	87.7	37.50	26.50	20
21	17.00	16.00	15.20	14.30	185	218	1/10	163	152	86.7	36.50	25.50	21
22	16.50	17.00	15.00	14.40	188	208	1/21	164	150	84.6	36.50	25.50	22
23	16.50	17.00	15.00	14.50	182	195	1/20	163	164	82.1	37.00	26.00	23
24	16.00	16.50	15.00	14.00	177	185	1/11	164	161	77.6	37.00	26.00	24
25	16.50	16.00	15.00	15.30	168	183	1/06	164	156	77.0	37.00	25.50	25
26	15.00	16.00	15.00	16.10	157	179	1/00	156	145	77.0	37.00	25.00	26
27	15.00	16.50	15.00	17.00	140	171	1/21	161	136	74.3	37.00	24.50	27
28	16.10	16.30	15.10	19.00	142	160	1/20	156	130	72.6	36.50	24.50	28
29	16.00		15.10	22.50	206	148	1/12	146	123	71.0	36.00	24.50	29
30	16.00		15.10	26.00	333	145	1/06	126	120	70.4	36.50	24.50	30
31	17.00		15.10		491		1/04	128		68.1		24.50	31
TOTAL	525.6	494.2	481.6	472.7	6 296.2	7 492	6 9741	3 817.6	4 005	3 060.6	1 274.6	881.2	TOTAL
MEAN	17.0	16.2	15.5	15.5	136	250	1/53	123	154	98.7	42.5	28.4	MEAN
MAX	18.5	17.0	16.1	26.0	491	540	2/56	173	216	130	59.1	36.5	MAX
MIN	15.0	15.5	15.0	14.3	32.5	145	1/04	82.5	120	68.1	36.5	24.5	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 87.7
MAXIMUM DAILY, 540 ON JUN 1
MINIMUM DAILY, 14.20 ON APR 19
MAXIMUM INSTANTANEOUS,
540 AT 16:50 PST ON JUN 1

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 11 20 N
LONG 129 12 44 W
DRAINAGE AREA, 10 940 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	45 500	JUL	410 000
FEB	38 200	AUG	230 000
MAR	41 500	SEP	386 000
APR	40 800	OCT	264 000
MAY	383 000	NOV	110 000
JUN	647 000	DEC	76 100

TOTAL DISCHARGE, 2 770 000 dam³

DEASE RIVER AT OUTLET OF DEASE LAKE - STATION NO. 10AC003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.600	3.700	2.900	2.500	9.88	32.6	20.9	16.2	16.1	16.6	11.2	5.400	1
2	4.550	3.650	2.900	2.450	9.99	33.4	20.7	17.7	16.6	16.8	11.4	5.400	2
3	4.550	3.600	2.900	2.400	9.37	35.0	23.6	18.1	17.5	16.8	11.6	5.400	3
4	4.550	3.550	2.900	2.350	9.83	35.2	25.4	18.1	17.7	16.8	11.3	5.300	4
5	4.550	3.500	2.900	2.300	8.00	35.7	25.1	17.9	18.1	16.8	10.7	5.100	5
6	4.450	3.450	2.850	2.300	8.51	35.1	30.3	17.1	17.7	17.0	10.4	5.000	6
7	4.300	3.450	2.850	2.300	9.02	37.4	30.1	16.8	18.2	16.6	9.600	5.500	7
8	4.200	3.450	2.800	2.300	9.55	37.3	30.6	16.1	18.6	16.3	9.500	5.400	8
9	4.150	3.400	2.800	2.300	10.4	36.5	31.1	15.5	18.5	15.9	9.400	5.400	9
10	4.200	3.400	2.850	2.300	11.1	35.7	30.5	15.1	18.2	15.9	9.400	5.400	10
11	4.200	3.400	2.900	2.300	11.8	37.2	30.1	14.8	18.1	16.0	9.400	5.400	11
12	4.250	3.350	2.900	2.300	12.4	37.0	29.2	14.4	18.3	15.7	9.400	5.400	12
13	4.300	3.350	2.850	2.250	12.8	36.5	28.6	13.7	18.6	15.3	9.400	5.400	13
14	4.300	3.350	2.850	2.200	13.5	35.8	27.9	13.3	18.2	15.0	9.300	5.200	14
15	4.200	3.300	2.800	2.200	14.5	34.8	26.7	13.1	18.7	14.8	9.200	5.000	15
16	4.150	3.300	2.800	2.200	15.1	33.9	25.7	12.9	18.4	14.2	9.200	4.800	16
17	4.100	3.300	2.750	2.250	15.8	32.3	23.8	15.0	18.2	14.3	9.000	4.800	17
18	4.100	3.300	2.700	2.300	15.9	31.1	23.2	16.4	18.0	14.1	8.900	4.600	18
19	4.100	3.300	2.650	2.300	16.3	30.8	22.3	17.0	17.7	14.1	8.800	4.700	19
20	4.100	3.300	2.600	2.350	16.7	30.6	21.4	17.2	18.0	13.9	7.700	4.600	20
21	4.000	3.300	2.550	2.450	23.4	29.6	21.1	17.0	18.0	13.7	7.700	4.600	21
22	3.950	3.300	2.500	2.550	24.0	28.6A	21.1	17.2	18.1	13.6	7.700	4.600	22
23	3.850	3.300	2.500	3.750	25.2	28.4	20.0	17.3	18.1	13.7	7.700	4.600	23
24	3.800	3.250	2.500	3.050	25.7	25.0	18.2	17.3	18.1	13.0	7.700	4.600	24
25	3.800	3.150	2.500	3.450	25.8	24.8	18.9	17.0	17.3	13.1	7.700	4.600	25
26	3.800	3.050	2.500	3.850	25.4	24.1	19.5	16.7	17.4	12.7	7.700	4.600	26
27	3.800	2.950	2.500	4.200	24.8	23.8	19.7	16.5	17.0	12.6	7.600	4.600	27
28	3.800	2.900	2.500	4.900	24.7	21.7	19.0	16.2	16.6	12.5	7.400	4.300	28
29	3.800		2.500	5.700	25.5	21.0	18.7	16.3	16.5	12.3	7.000	4.200	29
30	3.800		2.500	6.400	25.9	20.3	18.2	16.3	16.4	12.4	6.500	4.200	30
31	3.800		2.500		33.7		18.4	16.1		11.7		4.200	31
TOTAL	128.00	93.80	84.00	85.45	521.35	939.9	744.4	502.8	534.8	454.2	258.80	158.90	TOTAL
MEAN	4.13	3.34	2.71	2.85	16.8	31.3	24.0	16.2	17.8	14.7	8.85	5.05	MEAN
MAX	4.55	3.70	2.90	6.40	32.7	37.4	31.1	18.2	18.2	17.0	11.6	5.40	MAX
MIN	3.80	2.80	2.50	2.20	8.00	20.3	18.2	12.8	16.1	11.7	6.50	4.20	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 13.4
MAXIMUM DAILY, 37.4 ON JUN 7
MINIMUM DAILY, 2.200 ON APR 16
MAXIMUM INSTANTANEOUS,
37.5 AT 08:11 PST ON JUN 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 48 50 N
LONG 130 05 00 W
DRAINAGE AREA, 1 520 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	11 100	JUL	64 200
FEB	8 080	AUG	43 400
MAR	7 260	SEP	46 200
APR	7 380	OCT	39 200
MAY	45 000	NOV	23 200
JUN	81 200	DEC	13 600

TOTAL DISCHARGE, 380 000 dam³

DEER CREEK AT DEER PARK - STATION NO. 09AE007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.207E	0.284	0.672	0.819	2.32	7.93	1.75	0.654	0.338	0.268	0.652	0.331	1
2	0.246	0.254E	0.693E	0.871	2.32	8.88	1.93	0.795	0.734	0.263	0.596	0.327	2
3	0.262E	0.284	0.713	0.871	2.29	9.03	2.00	0.743	0.534	0.278	0.815	0.382	3
4	0.267	0.248E	0.734E	0.884	2.33	4.90	1.73	0.724	0.457	0.275	0.938	0.331	4
5	0.238E	0.244	0.788	0.935	2.28	3.85	1.70	0.684	0.441	0.281	0.814	0.327	5
6	0.232	0.240E	0.788E	0.819	2.40	3.22	1.73	0.887	0.435	0.267	0.730	0.331	6
7	0.233E	0.254	0.840	0.892	2.87	3.32	1.78	0.830	0.384	0.267	0.696	0.323	7
8	0.244	0.254E	0.809E	1.13	2.82	3.88	1.88	0.803	0.378	0.267	0.615	0.323	8
9	0.263E	0.254	0.978	1.12	2.85	3.85	1.85	0.686	0.384	0.253	0.580	0.314	9
10	0.263	0.254E	1.37 E	1.11	2.37	3.28	1.48	0.684	0.388	0.283	0.535	0.310	10
11	0.248E	0.264	1.78	1.07	2.31	3.38	1.43	0.840	0.438	0.268	0.881	0.310	11
12	0.234	0.271E	1.70 E	1.04	2.02	2.71	1.82	0.887	0.420	0.244	0.552	0.301	12
13	0.230E	0.266	1.86	0.978	2.08	2.38	1.85	0.588	0.404	0.244	0.535	0.301	13
14	0.226	0.286E	1.84 E	0.851	2.08	2.19	2.18	0.552	0.388	0.244	0.507	0.301	14
15	0.226E	0.282	1.44	0.871	2.04	2.88	1.78	0.530	0.378	0.246	0.592	0.298	15
16	0.226	0.282E	1.36 E	0.871	2.10	3.12	1.76	0.488	0.373	0.240	0.558	0.292	16
17	0.227E	0.303	1.31	1.02	2.23	2.68	1.87	0.484	0.367	0.240	0.535	0.283	17
18	0.226	0.312E	1.23 E	1.16	2.35	3.07	1.87	0.482	0.362	0.261	0.524	0.287	18
19	0.227E	0.321	1.14	1.36	2.35	2.68	1.68	0.438	0.365	0.257	0.498	0.284	19
20	0.226	0.344E	1.09 E	1.61	2.30	2.14	1.61	0.425	0.360	0.281	0.473	0.184	20
21	0.228E	0.368	1.04	1.77	2.77	2.02	1.61	0.418	0.331	0.283	0.501	0.218	21
22	0.230	0.368E	1.01 E	2.08	3.14	1.73	1.27	0.404	0.327	0.278	0.441	0.213	22
23	0.230E	0.407	0.988	2.32	4.05	1.87	1.18	0.394	0.323	0.348	0.435	0.208	23
24	0.230	0.473E	0.948E	3.02	5.84	1.98	1.12	0.388	0.318	0.301	0.431	0.226	24
25	0.230E	0.540	0.913	5.13	7.79	1.83	1.06	0.382	0.310	0.283	0.435	0.287	25
26	0.230	0.578E	0.909E	4.42	8.47	1.88	1.20	0.404	0.310	0.278	0.418	0.283	26
27	0.260E	0.615	0.906	3.51	8.47	1.88	1.11	0.378	0.301	0.275	0.410	0.283	27
28	0.290	0.643E	0.813E	2.98	10.2	1.77	1.08	0.383	0.286	0.261	0.388	0.240	28
29	0.273E		0.819	2.49	11.6	1.87	1.01	0.373	0.286	0.261	0.336	0.231	29
30	0.287		0.816E	2.40	11.7	2.04	0.978	0.367	0.288	0.257	0.387	0.240	30
31	0.288E		0.812		10.2		0.912	0.348		0.473		0.240	31
TOTAL	7.431	8.478	33.052	51.152	130.01	84.84	48.200	16.594	11.393	8.413	16.113	8.662	TOTAL
MEAN	0.240	0.338	1.07	1.71	4.19	3.16	1.49	0.534	0.380	0.271	0.537	0.277	MEAN
MAX	0.290	0.643	1.78	5.13	11.7	9.03	2.18	0.654	0.724	0.473	0.938	0.382	MAX
MIN	0.207	0.244	0.672	0.819	2.02	1.85	0.912	0.348	0.286	0.240	0.336	0.184	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.18
MAXIMUM DAILY, 11.7 ON MAY 30
MINIMUM DAILY, 0.184 ON DEC 30

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 35 30 N
LONG 116 02 30 W
DRAINAGE AREA, 80.5 km²

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	642	JUL	3 090
FEB	818	AUG	1 430
MAR	2 860	SEP	984
APR	4 420	OCT	727
MAY	11 200	NOV	1 390
JUN	8 190	DEC	741

TOTAL DISCHARGE, 37 400 dam³

DEFIANCE CREEK NEAR PORT RENFREW - STATION NO. 08HA040

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.026	0.001	0	0.013	0.001	0.004	---	---	---	1
2	---	---	---	0.059	0.001	0	0.004	0.001	0.008	---	---	---	2
3	---	---	---	0.008	0.001	0	0.001	0.001	0.004	---	---	---	3
4	---	---	---	0.004	0	0	0	0.001	0.007	---	---	---	4
5	---	---	---	0.002	0	0	0	0.001	0.004	---	---	---	5
6	---	---	---	0.001	0.001	0	0	0.001	0.003	---	---	---	6
7	---	---	---	0.001	0.008	0	0	0	0.002	---	---	---	7
8	---	---	---	0.001	0.005	0	0.001	0	0.001	---	---	---	8
9	---	---	---	0.001	0.003	0	0	0	0.001	---	---	---	9
10	---	---	---	0.001	0.001	0.003	0.013	0	0.004	---	---	---	10
11	---	---	---	0.001	0.001	0.001	0.1928	0	0.003	---	---	---	11
12	---	---	---	0.001	0.001	0	0.018	0	0.002	---	---	---	12
13	---	---	---	0.001	0.001	0	0.052	0	0.001	---	---	---	13
14	---	---	---	0.001	0.005	0	0.040	0	0.001	---	---	---	14
15	---	---	---	0.001	0.003	0.001	0.025	0	0.001	---	---	---	15
16	---	---	0.003	0.001	0.001	0.001	0.006	0	0.001	---	---	---	16
17	---	---	0.003	0.001	0.001	0.010	0.001	0	0.001	---	---	---	17
18	---	---	---	0.001	0.001	0.003	0.022	0.001	0	0.001	---	---	---	18
19	---	---	---	0.001	0.001	0.025	0.001	0	0.001	---	---	---	19
20	---	---	---	0	0.001	0.001	0.001	0	0.001	---	---	---	20
21	---	---	---	0.001	0.001	0.001	0.001	0	0.001	---	---	---	21
22	---	---	---	0.001	0.001	0.001	0.001	0	0.001	---	---	---	22
23	---	---	---	0.001	0.001	0	0.001	0	0.001	---	---	---	23
24	---	---	---	0.008	0.001	0	0.001	0	0.001	---	---	---	24
25	---	---	---	0.001	0	0.001	0.001	0	0.001	---	---	---	25
26	---	---	---	0.002	0	0	0.001	0	0.001	---	---	---	26
27	---	---	---	0.001	0	0	0.001	0	0.001	---	---	---	27
28	---	---	---	0.001	0	0	0.001	0.005	0.001	---	---	---	28
29	---		---	0.001	0	0	0.001	0.002	0.001	---	---	---	29
30	---		---	0.001	0	0	0.001	0.001	0.001	---	---	---	30
31	---		---		0		0.001	0.001		---		---	31
TOTAL	---	---	---	0.139	0.044	0.087	0.378	0.015	0.087	---	---	---	TOTAL
MEAN	---	---	---	0.005	0.001	0.002	0.012	0.001	0.002	---	---	---	MEAN
MAX	---	---	---	0.059	0.009	0.025	0.192	0.005	0.008	---	---	---	MAX
MIN	---	---	---	0	0	0	0	0	0.001	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 0 ON APR 20

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - MANUAL
LOCATION - LAT 48 33 00 N
LONG 124 25 23 W

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	32.5
FEB	---	AUG	1.35
MAR	---	SEP	5.79
APR	12.0	OCT	---
MAY	3.80	NOV	---
JUN	5.79	DEC	---

DICKEBUSCH CREEK NEAR THE MOUTH - STATION NO. 07FB004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.0588	0.0228	0.0118	0.0238	1.62	0.553	2.68	0.531	0.146	0.112	0.1378	0.0188	1
2	0.0588	0.0158	0.0128	0.0248	1.47	0.511	3.46	0.506	0.137	0.112	0.134	0.0138	2
3	0.0518	0.0178	0.0118	0.0288	1.37	0.486	4.20	0.474	0.139	0.119	0.134	0.0148	3
4	0.0518	0.0198	0.0128	0.0298	1.32	0.479	3.84	0.432	0.131	0.118	0.141	0.0178	4
5	0.0488	0.0188	0.0148	0.0328	1.38	0.466	3.28	0.378	0.116	0.117	0.1288	0.0198	5
6	0.0528	0.0178	0.0128	0.0348	1.32	0.436	2.68	0.336	0.118	0.113	0.1168	0.0188	6
7	0.0568	0.0198	0.0138	0.0468	1.26	0.402	5.48	0.312	0.131	0.110	0.1058	0.0108	7
8	0.0568	0.0178	0.0128	0.0588	2.01	0.402	4.74	0.298	0.132	0.105	0.1008	0.0088	8
9	0.0438	0.0168	0.0128	0.0588	3.86	0.418	3.91	0.280	0.126	0.103	0.0908	0.0068	9
10	0.0298	0.0188	0.0188	0.0688	3.01	0.394	3.38	0.259	0.120	0.102	0.0848	0.0058	10
11	0.0318	0.0208	0.0228	0.1508	2.98	0.434	3.48	0.244	0.115	0.103	0.0788	0.0078	11
12	0.0348	0.0208	0.0218	0.287	2.80	0.474	3.56	0.238	0.113	0.108	0.0768	0.0068	12
13	0.0378	0.0228	0.0188	0.316	1.93	0.428	2.42	0.220	0.112	0.148	0.0688	0.0068	13
14	0.0388	0.0248	0.0188	0.348	2.22	0.388	18.8	0.205	0.108	0.245	0.0628	0.0078	14
15	0.0338	0.0208	0.0168	0.468	2.22	0.379	21.4	0.198	0.104	0.203	0.0588	0.0058	15
16	0.0278	0.0118	0.0148	0.543	2.14	0.380	10.3	0.185	0.130	0.187	0.0608	0.0048	16
17	0.0248	0.0108	0.0188	0.631	2.10	0.358	4.91	0.184	0.163	0.161	0.0638	0.0038	17
18	0.0268	0.0158	0.0188	0.800	1.80	0.358	3.77	0.185	0.138	0.161	0.0648	0.0018	18
19	0.0288	0.0148	0.0138	1.08	1.68	2.72 A	2.84	0.174	0.128	0.172	0.0608	0.0028	19
20	0.0298	0.0188	0.0118	1.61	1.79	8.83 E	3.56	0.170	0.124	0.184	0.0538	0.0048	20
21	0.0238	0.0238	0.0088	1.47	1.35	5.60 E	3.47	0.168	0.124	0.185	0.0448	0.0058	21
22	0.0188	0.0218	0.0088	1.44	1.27	4.61 A	1.98	0.148	0.127	0.176	0.0388	0.0068	22
23	0.0088	0.0228	0.0088	1.46	1.18	3.13	1.85	0.141	0.122	0.173	0.0288	0.0038	23
24	0.0078	0.0248	0.0118	1.47	1.04	5.11	1.37	0.130	0.119	0.1658	0.0228	0.0028	24
25	0.0088	0.0208	0.0138	1.29	0.986	13.0	1.43	0.127	0.112	0.161	0.0228	0.0038	25
26	0.0118	0.0138	0.0188	1.30	0.917	5.68	2.34	0.120	0.124	0.171	0.0248	0.0048	26
27	0.0188	0.0118	0.0188	1.07	0.834	4.30	1.88	0.113	0.134	0.185	0.0248	0.0038	27
28	0.0188	0.0118	0.0178	1.08	0.788	3.30	1.37	0.121	0.131	0.159	0.0238	0.0018	28
29	0.0188		0.0188	1.83	0.771	2.69	1.04	0.228	0.113	0.151	0.0218	0.0018	29
30	0.0218		0.0208	1.74	0.784	2.31	0.787	0.211	0.112	0.151	0.0208	0.0018	30
31	0.0238		0.0218		0.888		0.616	0.181		0.147		0.0018	31
TOTAL	0.988	0.495	0.491	29.693	59.128	70.093	129.383	7.460	3.894	4.586	2.087	0.198	TOTAL
MEAN	0.032	0.018	0.016	0.886	1.82	2.34	4.17	0.240	0.133	0.147	0.068	0.006	MEAN
MAX	0.061	0.024	0.033	1.83	3.01	13.0	21.4	0.531	0.182	0.245	0.141	0.019	MAX
MIN	0.007	0.010	0.006	0.023	0.686	0.358	0.616	0.113	0.104	0.102	0.020	0.001	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.706
MAXIMUM DAILY, 21.4 ON JUL 15
MINIMUM DAILY, 0.0018 ON DEC 16
MAXIMUM INSTANTANEOUS,
28.6 AT 16:37 PST ON JUL 14

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 32 07 N
LONG 123 35 40 W
DRAINAGE AREA, 99.6 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	88.4	JUL	11 200
FEB	42.6	AUG	644
MAR	38.0	SEP	310
APR	1 810	OCT	386
MAY	4 330	NOV	170
JUN	8 060	DEC	17.1

TOTAL DISCHARGE, 38 100 dam³

DORE RIVER NEAR MCBRIDE - STATION NO. 08KA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.918	1.998	1.758	1.478	5.85E	43.7	29.0	35.8	28.9	5.64	12.9	3.108	1
2	1.928	1.988	1.758	1.508	5.80E	34.8	27.9	35.1	26.8	5.68	11.1	3.028	2
3	1.938	1.988	1.708	1.548	6.40E	29.3	32.8	29.8	38.6	6.50	10.2	2.988	3
4	1.938	1.978	1.678	1.578	7.10E	23.1	31.4	24.6	27.7	7.25	9.54	2.958	4
5	1.928	1.948	1.648	1.598	7.95E	20.7	28.6	26.8	17.8	6.20	8.54	2.908	5
6	1.918	1.938	1.628	1.648	8.10E	37.9	26.2	24.5	16.1	5.93	8.12	2.858	6
7	1.928	1.908	1.588	1.708	9.30E	34.7	25.7	24.4	13.7	5.80	7.47	2.808	7
8	1.938	1.888	1.568	1.758	10.7 E	31.5	20.1	30.1	11.3	5.00A	6.50B	2.788	8
9	1.948	1.878	1.578	1.808	9.20E	41.6	19.0	34.7	10.1	5.10E	6.10B	2.788	9
10	1.988	1.888	1.598	1.888	7.10E	39.7	20.8	38.0	9.06	5.05E	5.90B	2.748	10
11	1.988	1.898	1.628	1.988	7.20E	24.2	41.8	34.3	8.51	5.00A	5.80B	2.738	11
12	2.008	1.838	1.638	2.108	8.00E	20.5	45.2	28.3	8.03	5.05	5.65B	2.748	12
13	2.018	1.828	1.618	2.208	9.10E	22.4	44.0	30.9	9.18	5.30	5.50B	2.738	13
14	2.028	1.818	1.578	2.308	10.0 E	24.9	40.9	38.5	11.2	5.35	5.35B	2.728	14
15	2.038	1.898	1.988	2.458	10.9 E	32.7	30.4	32.2	9.69	4.87	5.20B	2.718	15
16	2.058	1.888	1.988	2.608	12.0 E	32.4	26.9	23.7	9.92	4.87	5.10B	2.898	16
17	2.088	1.858	1.948	2.758	13.7 E	40.1	26.1	24.2	8.73	4.78	4.95B	2.688	17
18	2.108	1.848	1.918	3.108	12.9 E	30.2	28.7	17.6	7.80	4.64	4.70B	2.648	18
19	2.138	1.888	1.998	3.488	14.0 E	22.7	33.3	18.1	7.12	4.46	4.30B	2.608	19
20	2.168	1.878	1.488	4.008	15.8 E	19.8	32.8	14.3	6.99	4.44	3.80B	2.578	20
21	2.158	1.878	1.468	4.678	16.8 E	17.9	34.0	14.8	8.14	4.39	3.35B	2.558	21
22	2.158	1.878	1.458	4.258	18.0 E	22.2	29.9	16.5	7.88	5.89	3.24B	2.518	22
23	2.208	1.898	1.438	4.608	19.9 E	25.0	31.4	16.8	8.22	5.11	3.20B	2.498	23
24	2.188	1.848	1.418	5.008	20.9 E	26.4	33.6	17.3	7.87	4.42	3.18B	2.478	24
25	2.178	1.858	1.418	5.108	21.8 A	21.6	31.2	18.2	8.85	4.76	3.18B	2.448	25
26	2.168	1.848	1.408	4.308	22.8	19.2	29.3	19.2	9.47	15.4	3.18B	2.428	26
27	2.158	1.788	1.388	4.508	21.3	22.2	22.4	18.5	7.77	10.9	3.18B	2.408	27
28	2.138	1.788	1.378	5.008	24.6	25.5	24.8	17.1	8.73	8.22	3.18B	2.388	28
29	2.108		1.408	5.208	46.9	30.4	25.8	20.2	8.08	7.48	3.17B	2.328	29
30	2.098		1.428	5.488	54.8	42.3	29.5	18.1	9.84	10.9	3.16B	2.268	30
31	2.018		1.488		50.3		37.8	24.8		17.9		2.228	31
TOTAL	63.37	52.44	47.59	91.50	516.80	857.9	940.8	755.8	384.10	202.08	166.55	82.15	TOTAL
MEAN	2.04	1.87	1.54	3.05	16.7	28.6	30.3	24.4	12.1	6.52	5.02	2.65	MEAN
MAX	2.20	1.98	1.76	5.48	54.8	43.7	45.2	38.6	38.6	17.9	12.9	3.10	MAX
MIN	1.91	1.78	1.37	1.47	5.55	17.9	19.0	14.3	5.84	4.39	3.16	2.22	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 11.3
MAXIMUM DAILY, 54.8 ON MAY 30
MINIMUM DAILY, 1.378 ON MAR 26
MAXIMUM INSTANTANEOUS,
72.3 AT 21:42 PST ON JUL 13

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 16 36 N
LONG 120 14 45 W
DRAINAGE AREA, 404 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	5 480	JUL	81 300
FEB	4 530	AUG	65 300
MAR	4 110	SEP	31 500
APR	7 910	OCT	17 500
MAY	44 600	NOV	14 400
JUN	74 100	DEC	7 100

TOTAL DISCHARGE, 358 000 dam³

DOWNES CREEK NEAR CLEARBROOK - STATION NO 08MH145

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.156	0.107	0.091	0.128	0.073	0.425	---	---	---	1
2	---	---	---	0.278	0.118	0.107	0.113	0.077	0.113	---	---	---	2
3	---	---	---	0.228	0.107	0.091	0.085	0.083	0.085	---	---	---	3
4	---	---	---	0.169	0.100	0.085	0.089	0.075	0.083	---	---	---	4
5	---	---	---	0.142	0.095	0.091	0.087	0.071	0.085	---	---	---	5
6	---	---	---	0.142	0.087	0.087	0.087	0.071	0.100	---	---	---	6
7	---	---	---	0.142	0.232	0.081	0.089	0.073	0.089	---	---	---	7
8	---	---	---	0.130	0.228	0.079	0.087E	0.071	0.091	---	---	---	8
9	---	---	---	0.132	0.352	0.095	0.087E	0.071	0.093	---	---	---	9
10	---	---	---	0.228	0.150	0.102	0.085	0.077	0.285	---	---	---	10
11	---	---	---	0.169	0.128	0.085	0.091	0.077	0.130	0.078	---	---	11
12	---	---	---	0.142	0.111	0.085	0.266	0.075	0.102	---	---	---	12
13	---	---	---	0.135	0.102	0.085	0.872	0.075	0.093	---	---	---	13
14	---	---	---	0.126	0.109	0.085	0.272	0.069	0.085	---	---	---	14
15	---	---	---	0.123	0.111	0.085	0.186	0.071	0.083	---	---	---	15
16	---	---	---	0.120	0.118	0.085	0.142	0.071	0.081	---	---	---	16
17	---	---	---	0.118	0.123E	0.181	0.118	0.069	0.079	---	---	---	17
18	---	---	---	0.113	0.120E	0.085	0.095	0.071	0.095	---	---	---	18
19	---	---	---	0.100	0.100	0.103	0.093	0.075	0.075	---	---	---	19
20	---	---	---	0.118	0.100	0.107	0.107	0.071E	0.077	---	---	---	20
21	---	---	---	0.118	0.087	0.085	0.091	0.068	0.075	---	---	---	21
22	---	---	---	0.118	0.095	0.107	0.089	0.089	0.077	---	---	---	22
23	---	---	---	0.108	0.091	0.130E	0.089	0.087	0.073	---	---	---	23
24	---	---	---	0.281	0.085	0.116E	0.091	0.071	0.075	---	---	---	24
25	---	---	---	0.150	0.089	0.095	0.085	0.073	0.075	---	---	---	25
26	---	---	---	0.172	0.091	0.107	0.091	0.089	0.083	---	---	---	26
27	---	---	---	0.126	0.085	0.095	0.102	0.089	0.083	---	---	---	27
28	---	---	---	0.118	0.085	0.095	0.087	0.091	0.083	---	---	---	28
29	---		---	0.109	0.085	0.091	0.091	0.097	0.077	---	---	---	29
30	---		---	0.095	0.085	0.091	0.075	0.118	0.077	---	---	---	30
31	---		---		0.091		0.075E	0.083		---		---	31
TOTAL	---	---	---	4.396	3.689	2.905	4.007	2.338	3.137	---	---	---	TOTAL
MEAN	---	---	---	0.147	0.119	0.097	0.129	0.075	0.105	---	---	---	MEAN
MAX	---	---	---	0.278	0.352	0.181	0.872	0.118	0.425	---	---	---	MAX
MIN	---	---	---	0.095	0.085	0.079	0.075	0.068	0.073	---	---	---	MIN

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 04 29 N
LONG 122 19 32 W

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	346
FEB	---	AUG	202
MAR	---	SEP	271
APR	380	OCT	---
MAY	318	NOV	---
JUN	261	DEC	---

DOWNIE CREEK NEAR REVELSTOKE - STATION NO. 08ND005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.00B	5.03	5.51	7.88	30.0	117	82.8	97.1	37.5	11.8	---	---	1
2	5.20B	5.02	5.55	7.71	31.1	101	82.1	81.4	40.0	11.4	---	---	2
3	5.40B	4.95	5.45	7.97	33.1	91.5	86.3	69.3	42.1	11.1	---	---	3
4	5.70B	4.83	5.37	8.26	32.1	76.6	83.9	48.7	40.3	11.3	---	---	4
5	5.80B	4.21	5.33	8.56	32.1	72.1	83.6	45.6	34.0	10.8	---	---	5
6	5.80B	4.20B	5.31	8.83	34.6	71.7	88.8	47.7	25.0	10.7	---	---	6
7	5.90B	4.23B	5.25	10.4	31.3	68.6	86.6	41.4	23.9	10.5	---	---	7
8	6.00B	4.28B	5.17	11.3	34.4	67.2	88.3	42.0	23.3	10.4	---	---	8
9	5.30B	4.35B	5.45	10.9	33.3	83.0	85.7	49.4	20.3	10.2	---	---	9
10	5.60B	4.40B	6.86	10.6	30.5	79.3	93.9	52.7	18.6	9.95	---	---	10
11	6.00B	4.45B	7.79	10.1	29.5	88.4	81.1	84.9	17.7	9.78A	---	---	11
12	6.20B	4.60B	7.81	9.86	29.0	95.2	272	86.9	17.1	---	---	---	12
13	5.95B	4.78B	7.78	9.12	30.9	46.4	166	43.1	16.3	---	---	---	13
14	5.70B	4.90B	7.84	8.83	32.3	52.5	154	48.7	18.7	---	---	---	14
15	5.80B	5.00B	7.59	9.07	32.4	84.3	83.8	42.2	18.2	---	---	---	15
16	5.40B	5.05	7.88	9.88	34.1	86.4	86.1	37.9	17.8	---	---	---	16
17	5.40B	5.00	7.56	10.3	33.8	80.8	82.0	36.1	18.6	---	---	---	17
18	5.40B	5.00	7.38	12.7	32.6	88.3	80.8	35.0	17.9A	---	---	---	18
19	5.35B	4.93	7.20	18.1	32.8	86.6	81.5	30.9	15.3A	---	---	---	19
20	5.35	4.88	7.12	18.8	32.1	81.6	85.2	30.2	14.4	---	---	---	20
21	5.13	5.00	7.07	22.5	32.6	81.0	85.8	27.0	13.8	---	---	---	21
22	5.11	4.94	7.01	25.1	35.5	48.5	89.6	26.7	13.5	---	---	---	22
23	5.17	4.92	6.87	23.7	48.2	49.3	89.2	27.1	13.4	---	---	---	23
24	5.17	4.98	6.84	27.9	61.6	87.1	82.2	28.0	13.5	---	---	---	24
25	5.21	5.40	6.83	35.4	78.8	82.7	88.3	35.7	14.3	---	---	---	25
26	5.18	5.40	6.83	34.0	72.3	43.6	87.1	31.2	15.4	---	---	---	26
27	5.21	5.41	8.75	30.0	68.8	43.6	49.5	29.7	19.0	---	---	---	27
28	5.24	5.47	8.78	27.8	91.6	58.3	45.0	28.8	14.2	---	---	---	28
29	5.04		8.69	27.2	118	83.7	43.8	28.6	12.6	---	---	---	29
30	4.93		7.24	28.6	131	80.4	41.8	32.7	12.0	---	---	---	30
31	5.09		7.50		130		45.6	35.2		---		---	31
TOTAL	169.23	135.74	207.34	488.07	1 901.1	2 083.8	2 323.4	1 292.8	618.9	---	---	---	TOTAL
MEAN	5.46	4.85	6.69	16.3	46.4	86.8	74.9	40.4	20.6	---	---	---	MEAN
MAX	6.20	5.47	7.81	35.4	131	117	272	81.4	42.1	---	---	---	MAX
MIN	4.93	4.20	5.17	7.88	29.0	43.6	41.8	25.7	12.0	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 272 ON JUL 12

MAXIMUM INSTANTANEOUS,
319 AT 18:10 PST ON JUL 12

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 28 37 N
LONG 118 25 32 W
DRAINAGE AREA, 855 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	14 600	JUL	201 000
FEB	11 700	AUG	108 000
MAR	17 900	SEP	53 500
APR	42 200	OCT	---
MAY	130 000	NOV	---
JUN	178 000	DEC	---

DRIFTWOOD RIVER ABOVE KASTBERG CREEK - STATION NO. 08JD008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.38 B	0.975B	0.910B	0.880B	12.4E	50.3	22.5	9.32	5.16	5.25	4.84	1.55 B	1
2	1.37 B	0.970B	0.900B	0.855B	14.9E	57.0	19.3	8.86	5.11	4.71	4.70	1.52 B	2
3	1.33 B	0.968B	0.880B	0.890B	16.1E	49.8	22.7	8.45	5.34	4.79	4.38	1.48 B	3
4	1.31 B	0.955B	0.865B	0.867B	17.7E	38.1	29.2	8.09	5.81	5.19	4.41	1.45 B	4
5	1.30 B	0.952B	0.855B	0.879B	19.0E	28.6	30.3	7.00	5.91	4.85	4.17	1.42 B	5
6	1.29 B	0.952B	0.845B	0.884B	20.1E	24.8	31.3	6.34	6.71	4.82	4.17	1.39 B	6
7	1.27 B	0.942B	0.843B	0.889B	21.3E	21.7	29.5	5.79	5.89	4.24	4.07	1.36 B	7
8	1.25 B	0.952B	0.841B	0.915B	22.2E	21.3	35.3	5.37	4.82	4.04	3.81	1.33 B	8
9	1.23 B	0.960B	0.840B	0.935B	22.9E	23.5	20.0	4.83	4.23	3.79	3.78	1.30 B	9
10	1.22 B	0.980B	0.838B	0.955B	23.8E	26.6	19.4	4.83	3.79	3.70	3.69	1.28 B	10
11	1.21 B	0.958B	0.839B	0.965B	24.8A	24.0	18.4	4.84	3.43	3.48	3.67	1.25 B	11
12	1.20 B	0.955B	0.841B	1.02 B	25.2	20.3	16.3	4.86	4.11	3.40	3.62	1.23 B	12
13	1.18 B	0.950B	0.850B	1.06 B	27.5	18.2	13.7	4.27	5.33	3.29	3.37	1.21 B	13
14	1.19 B	0.945B	0.845B	1.14 B	31.1	16.7	12.2	4.03	6.16	3.15	3.18B	1.19 B	14
15	1.18 B	0.945B	0.845B	1.21 B	33.2	20.8	11.6	3.78	5.86	2.90	3.03B	1.17 B	15
16	1.18 B	0.945B	0.840B	1.30 B	35.0	20.2	10.4	4.03	4.76	2.72	2.88B	1.15 B	16
17	1.17 B	0.945B	0.838B	1.38 B	34.4	16.7	9.63	4.71	4.21	2.70	2.70B	1.13 B	17
18	1.17 B	0.945B	0.828B	1.47 B	31.2	14.7	8.79	4.81	3.87	2.68	2.58B	1.11 B	18
19	1.16 B	0.945B	0.820B	1.57 B	28.1	15.1	8.21	7.09	3.84	3.12	2.48B	1.09 B	19
20	1.16 B	0.945B	0.825B	1.68 B	25.3	15.8	8.48	8.04	3.84	3.20	2.37B	1.08 B	20
21	1.15 B	0.942B	0.830B	1.85 B	26.8	16.7	10.3	9.12	3.83	3.30	2.28B	1.06 B	21
22	1.13 B	0.942B	0.835B	2.13 B	26.2	16.7	9.35	8.11	3.81	4.00	2.18B	1.05 B	22
23	1.10 B	0.940B	0.850B	2.33 B	25.6	16.2	7.79	6.81	3.37	4.34	2.08B	1.04 B	23
24	1.07 B	0.940B	0.870B	2.68 B	27.1	14.1	7.13	6.28	3.36	4.04	2.00B	1.03 B	24
25	1.05 B	0.938B	0.890B	2.85 B	31.5	13.4	6.82	5.99	7.83	4.15	1.93B	1.02 B	25
26	1.02 B	0.935B	0.885B	3.36 B	37.6	15.8	7.17	5.82	15.8	4.12	1.84B	1.01 B	26
27	1.01 B	0.930B	0.892B	4.85 B	34.2	14.5	12.5	5.43	10.2	3.74	1.78B	1.00 B	27
28	1.00 B	0.925B	0.880B	5.90 B	27.2	11.8	11.5	5.84	7.79	3.83	1.71B	0.995B	28
29	0.995B		0.885B	8.30 E	25.0	13.4	11.0	5.82	6.48	3.83	1.65B	0.990B	29
30	0.990B		0.880B	10.5 E	52.8	20.3	9.06	5.70	5.70	4.84	1.60B	0.985B	30
31	0.980B		0.875B		86.2		8.38	5.42		5.16		0.980B	31
TOTAL	36.265	26.814	26.804	88.184	880.5	673.9	457.04	185.75	153.20	121.46	90.85	35.680	TOTAL
MEAN	1.17	0.951	0.865	2.21	28.7	22.5	14.7	5.35	5.11	3.92	3.03	1.19	MEAN
MAX	1.38	0.975	0.910	10.5	86.2	57.0	30.3	9.46	15.8	5.25	4.84	1.55	MAX
MIN	0.980	0.925	0.820	0.850	12.4	11.8	8.82	5.42	3.11	2.70	1.60	0.980	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.53
MAXIMUM DAILY, 57.0 ON JUN 2
MINIMUM DAILY, 0.820B ON MAR 19
MAXIMUM INSTANTANEOUS,
85.5 AT 19:24 PST ON JUN 2

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 58 17 N
LONG 126 38 28 W
DRAINAGE AREA, 407 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	3 130	JUL	39 500
FEB	2 300	AUG	14 300
MAR	2 290	SEP	13 200
APR	5 720	OCT	10 600
MAY	78 900	NOV	7 650
JUN	88 900	DEC	3 180

TOTAL DISCHARGE, 237 000 dam³

DUCK CREEK NEAR WYNNDEL - STATION NO. 08NN018

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.382	0.471	0.737	0.845	2.20	5.10E	1.85	1.05	0.887	0.507	0.475	0.505A	1
2	0.390	0.483	0.788	0.844	2.20	5.02E	1.88	1.04	0.878	0.500	0.500	0.485	2
3	0.403	0.480	0.845	0.839	2.17	5.00E	1.85	1.01	0.877	0.494	0.557	0.517	3
4	0.391	0.431	0.888	0.823A	2.12	4.98E	1.78	0.975	0.888	0.525	1.05	0.495	4
5	0.421	0.389	0.870	0.910E	2.11	4.90	1.73	0.948	0.878	0.505	0.598	0.483	5
6	0.415	0.380B	0.847	0.952A	2.17	4.82	1.72	0.911	0.847	0.497	0.701	0.471	6
7	0.436	0.400B	0.838	1.10 E	2.22	4.53	1.63	0.887	0.846	0.495	0.647	0.471	7
8	0.718	0.431	0.830	1.08 E	2.18	4.45	1.65	0.873	0.830	0.490	0.625	0.477	8
9	0.588	0.430	0.940	1.07 E	2.10	4.36	1.84	0.853	0.827	0.481	0.604	0.480	9
10	0.585	0.431	1.07	1.05 E	2.08	4.44	1.45	0.858	0.847	0.483	0.594	0.485	10
11	0.559	0.422	1.03	1.00 E	2.05	3.95	1.38	0.995	0.882	0.475	0.586	0.492	11
12	0.539	0.548	1.44	0.980E	2.08	3.43	1.27	1.04	0.825	0.472	0.629	0.477	12
13	0.526	0.580	1.35	0.910E	2.10	3.08	1.18	0.887	0.803	0.488	0.652	0.488	13
14	0.503	0.559	1.25	0.914A	2.14	2.82	1.17	0.839	0.808	0.472	0.615	0.478	14
15	0.482	0.548	1.18	0.956	2.24	3.03	1.87	0.811	0.885	0.475	0.579	0.473	15
16	0.472	0.555	1.12	1.01	2.28	2.73	1.83	0.782	0.889	0.462	0.573	0.485	16
17	0.478	0.571	1.08	1.13	2.36	2.58	1.52	0.771	0.801	0.475	0.551	0.411	17
18	0.478	0.580	0.951	1.31	2.34	2.41	1.41	0.784	0.895	0.484	0.553	0.4048	18
19	0.477	0.574	0.830	1.52	2.33	2.24	1.37	0.748	0.885	0.480	0.539	0.3988	19
20	0.471	0.575	0.898	1.70	2.44	2.04	1.42	0.733	0.880	0.478	0.528	0.3948	20
21	0.448	0.584	0.888	1.76	2.70	1.85	1.35	0.728	0.883	0.481	0.584	0.3858	21
22	0.449	0.584	0.872	1.77	2.82	1.83	1.29	0.712	0.877	0.848	0.581	0.3808	22
23	0.442	0.807	0.880	1.81	3.36	2.38	1.23	0.808	0.882	0.843	0.588	0.3708	23
24	0.431	0.847	0.883	2.99	4.17	2.57	1.20	0.893	0.548	0.475	0.548	0.3788	24
25	0.444	0.707	0.878	3.03	4.83	2.05	1.45	0.807	0.840	0.488	0.583	0.3868	25
26	0.447	0.711	0.880	2.80	4.24	1.92	1.38	0.808	0.840	0.454	0.542	0.3988	26
27	0.578	0.708	0.878	2.41	4.08	1.88	1.20	0.757	0.834	0.448	0.543	0.4008	27
28	0.585	0.717	0.884	2.28	5.88	1.88	1.17	0.738	0.828	0.438	0.527	0.3958	28
29	0.528		0.882	2.18	5.42	1.88	1.14	0.714	0.820	0.434	0.505A	0.3888	29
30	0.501		0.940	2.14	5.32E	1.88	1.08	0.702	0.810	0.488	0.508E	0.418	30
31	0.485		0.942		5.20E		1.05	0.675		0.502		0.422	31
TOTAL	15.028	15.075	30.880	44.372	92.89	98.00	46.91	28.223	15.080	15.048	18.885	13.849	TOTAL
MEAN	0.485	0.538	0.995	1.48	2.98	3.20	1.48	0.848	0.803	0.485	0.830	0.440	MEAN
MAX	0.718	0.717	1.67	3.03	5.88	5.10	1.88	1.05	0.887	0.848	1.05	0.517	MAX
MIN	0.382	0.380	0.737	0.810	2.05	1.88	1.05	0.675	0.810	0.434	0.475	0.370	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.18
MAXIMUM DAILY, 5.89 ON MAY 28
MINIMUM DAILY, 0.370B ON DEC 23

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 12 10 N
LONG 118 31 58 W
DRAINAGE AREA, 87.0 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 300	JUL	3 970
FEB	1 300	AUG	2 270
MAR	2 670	SEP	1 580
APR	3 830	OCT	1 300
MAY	8 010	NOV	1 630
JUN	8 290	DEC	1 180

TOTAL DISCHARGE, 37 300 dam³

DUCK LAKE NEAR SIRDAR - STATION NO. 08NN107

DAILY WATER LEVEL IN METRES FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	13.908	13.785	---	---	13.890	---	---	---	---	---	---	2
3	---	---	---	---	---	---	---	---	---	14.018	13.982	---	3
4	---	---	---	---	---	13.905	---	14.084	---	---	---	---	4
5	13.889	---	---	---	13.675	---	---	---	---	---	---	---	5
6	13.887	---	---	---	---	---	13.840	---	---	14.032	---	---	6
7	---	---	---	---	---	---	---	---	14.000	---	---	---	7
8	---	---	---	13.595	---	---	---	---	---	---	---	13.890	8
9	---	13.806	13.780	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	13.895	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	14.000	---	11
12	13.875	---	---	---	13.880	---	---	14.012	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	13.954	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	14.052	---	---	15
16	---	13.748	13.782	---	---	13.914	---	---	---	---	13.985	---	16
17	---	---	---	---	---	---	---	---	---	---	---	13.884	17
18	---	---	---	---	---	---	---	---	---	---	13.890	---	18
19	13.880	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	---	---	13.818	---	13.972	13.844	---	14.074	---	---	20
21	---	---	---	13.429	---	---	---	---	---	---	---	---	21
22	---	13.777	---	---	---	---	13.992	---	---	---	---	---	22
23	---	13.788	13.728	13.410	13.816	13.832	---	---	14.014	---	---	13.860	23
24	---	---	---	---	---	---	---	13.940	---	---	13.952	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	13.918	---	---	---	13.730	---	---	---	---	14.082	---	---	26
27	---	---	---	13.682	---	---	---	---	---	---	---	---	27
28	---	---	---	---	---	---	---	---	14.010	---	---	---	28
29	---	---	13.695	---	---	13.880	---	---	---	---	---	---	29
30	---	---	---	---	---	---	---	13.880	---	---	13.938	---	30
31	---	---	---	---	---	---	---	---	---	---	---	---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 15 31 N
LONG 118 38 48 W

REGULATED SINCE 1951

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 518.180 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

DUMBRY CREEK NEAR WINLAW - STATION NO. 08NJ105

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.140	0.128	0.027	0.010	0.007	---	---	---	---	1
2	---	---	---	0.137	0.111	0.028	0.009	0.008	---	---	---	---	2
3	---	---	---	0.136	0.104	0.025	0.010	0.008	---	---	---	---	3
4	---	---	---	0.134	0.100	0.023	0.009	0.008	---	---	---	---	4
5	---	---	---	0.134	0.095	0.021	0.009	0.005	---	---	---	---	5
6	---	---	---	0.134	0.097	0.020	0.008	0.005	---	---	---	---	6
7	---	---	---	0.172	0.102	0.015	0.008	0.005	---	---	---	---	7
8	---	---	---	0.178	0.100	0.015	0.008	0.005	---	---	---	---	8
9	---	---	---	0.185	0.105	0.012	0.009	0.006	---	---	---	---	9
10	---	---	---	0.186	0.078	0.013	0.008	0.008	---	---	---	---	10
11	---	---	---	0.181	0.070	0.012	0.007	0.010	---	---	---	---	11
12	---	---	---	0.138	0.068	0.013	0.008	0.007	---	---	---	---	12
13	---	---	---	0.128	0.062	0.012	0.008	0.008	---	---	---	---	13
14	---	---	---	0.120	0.060	0.012	0.011	0.005	---	---	---	---	14
15	---	---	---	0.113	0.052	0.015	0.012	0.008	---	---	---	---	15
16	---	---	---	0.108	0.050	0.015	0.010	0.004	---	---	---	---	16
17	---	---	---	0.118	0.058	0.015	0.008	0.004	---	---	---	---	17
18	---	---	---	0.125	0.050	0.014	0.007	0.004	---	---	---	---	18
19	---	---	---	0.152	0.047	0.013	0.007	0.004	---	---	---	---	19
20	---	---	---	0.177	0.043	0.012	0.008	0.004	---	---	---	---	20
21	---	---	---	0.188	0.041	0.017	0.008	---	---	---	---	---	21
22	---	---	---	0.220	0.039	0.013	0.007	---	---	---	---	---	22
23	---	---	---	0.228	0.037	0.012	0.007	---	---	---	---	---	23
24	---	---	---	0.235	0.036	0.013	0.007	---	---	---	---	---	24
25	---	---	---	0.240	0.034	0.012	0.008	---	---	---	---	---	25
26	---	---	---	0.253	0.032	0.011	0.007	---	---	---	---	---	26
27	---	---	---	0.213	0.031	0.010	0.008	---	---	---	---	---	27
28	---	---	---	0.178	0.028	0.011	0.007	---	---	---	---	---	28
29	---		---	0.162	0.026	0.011	0.007	---	---	---	---	---	29
30	---		---	0.139	0.023	0.010	0.007	---	0.004	---	---	---	30
31	---		---		0.022		0.008	---		0.002		---	31
TOTAL	---	---	---	4.870	2.008	0.442	0.255	---	---	---	---	---	TOTAL
MEAN	---	---	---	0.162	0.065	0.015	0.008	---	---	---	---	---	MEAN
MAX	---	---	---	0.253	0.188	0.028	0.012	---	---	---	---	---	MAX
MIN	---	---	---	0.108	0.022	0.010	0.008	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 0.253 ON APR 26

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 30 45 N
LONG 117 32 06 W

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	22.0
FEB	---	AUG	---
MAR	---	SEP	---
APR	421	OCT	---
MAY	173	NOV	---
JUN	38.2	DEC	---

NATURAL FLOW

DUNCAN RESERVOIR AT DUNCAN DAM - STATION NO. 08HH127

DAILY WATER LEVEL IN METRES FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	51.152	43.400	35.723	35.008	34.301	40.647	51.458	58.517	58.523	58.330	58.037	58.029	1
2	50.828	43.128	35.760	35.008	34.301	41.438	51.744	58.554	58.548	58.262	58.052	58.509	2
3	50.658	42.855	35.774	35.007	34.298A	42.003	52.057	58.518	58.508	58.158	58.087	58.381	3
4	50.382	42.658	35.741	35.007	34.308A	42.614	52.321	58.474	58.488	58.083	58.747	58.248	4
5	50.112	42.288	35.698	35.007	34.330A	42.931	52.590	58.468	58.498	57.978	58.808	58.043	5
6	49.841	41.892	35.649	35.978	34.330A	43.308	52.828	58.488	58.488	57.888	58.849	58.022	6
7	49.573	41.718	35.613	35.972	34.332A	43.701	53.279	58.499	58.498	57.782	58.898	58.007	7
8	49.314	41.438	35.648A	35.988A	34.380A	44.188	53.829	58.487	58.483	57.881	58.947	58.388	8
9	49.061	41.189	35.678	35.812A	34.368A	44.858	53.958	58.487	58.477	57.581	58.881	58.188	9
10	48.808	40.852	35.713A	35.808A	34.276	45.103	54.215	58.478	58.478	57.500	57.027	54.982	10
11	48.548	40.471	35.782A	35.744A	34.280	45.847	54.488	58.507	58.488	57.398	57.083	54.888	11
12	48.277	40.084	35.826A	35.801	34.284	45.858	55.284	58.558	58.488	57.287	57.113	54.387	12
13	47.987	39.888	35.872A	35.487	34.288	46.148	55.198	58.498	58.492	57.207	57.138	54.090	13
14	47.732	39.288	35.915A	35.381	34.320A	46.421	56.020	58.484	58.502	57.122	57.138	53.777	14
15	47.481	38.908	35.951A	35.281	34.363A	46.758	57.271	58.482	58.513	57.117	57.161	53.467	15
16	47.180	38.518	36.003A	35.088	34.508A	47.118	57.388	58.483	58.513	57.112	57.150	53.181	16
17	46.867	38.136	36.018	34.888	34.888A	47.484	57.429	58.462	58.517	57.118	57.184	52.861	17
18	46.762	37.882	35.988	34.713	34.833A	47.902	57.462	58.467	58.501	57.114	57.181	52.510	18
19	46.531	37.621	35.960	34.540	35.008A	48.339	57.890	58.482	58.488	57.118	57.183	52.183	19
20	46.308	37.361	35.941	34.388	35.183	48.484	57.820	58.469	58.485	57.131	57.184	51.858	20
21	46.082	37.155	35.885	34.388	35.383	48.722	57.842	58.487	58.488	57.168	57.188	51.528	21
22	45.883	36.811	35.847	34.241	35.807	48.941	58.224	58.488	58.482	57.178	57.185	51.185	22
23	45.641	36.555	35.868	34.308A	36.672	49.180	58.369	58.495	58.493	57.185	57.161	50.843	23
24	45.408	36.416	35.880	34.302A	36.121A	49.458	58.488	58.487	58.494	57.088	57.134	50.513	24
25	45.185	36.188	35.894	34.301A	36.818A	49.748	58.525	58.501	58.502	57.008	57.128	50.178	25
26	44.912	35.988	35.895	34.298	37.088	49.980	58.525	58.481	58.514	56.912	57.118	49.858	26
27	44.678	35.835	35.895	34.287	37.591	50.187	58.481	58.486	58.518	56.809	57.080	49.527	27
28	44.434	35.704	35.896	34.280	38.105	50.432	58.488	58.488	58.500	56.718	56.984	49.184	28
29	44.180		35.901	34.283	38.763	50.721	58.488	58.500	58.487*	56.823	56.857	48.849	29
30	43.924		35.907	34.291	39.513	51.101	58.517	58.504	58.417	56.853	56.752	48.497	30
31	43.676		35.910		40.224		58.537	58.517		56.920		48.157	31
MEAN	47.341	39.282	35.878	35.129	35.475	46.837	55.082	58.491	58.488	57.315	57.004	52.808	MEAN
MAX	51.152	43.400	36.016	35.008	40.224	51.101	58.537	58.558	58.548	58.330	57.184	58.829	MAX
MIN	43.676	35.704	35.613	34.280	34.276	40.647	51.458	58.468	58.417	56.853	56.827	48.157	MIN

SUMMARY FOR THE YEAR 1983

WATER LEVELS IN METRES

MEAN, 48.401
MAXIMUM DAILY, 58.555 ON AUG 12
MINIMUM DAILY, 34.276 ON MAY 19
MAXIMUM INSTANTANEOUS,
58.593 AT 10:58 PST ON AUG 2

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 48 20 N
LONG 116 56 51 W

A - MANUAL GAUGE

REGULATED

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 518.100 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

DUNCAN RIVER BELOW B.B. CREEK - STATION NO. 08NN119

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	9.100	8.800	10.1	15.5	54.7	284	154	189	118	23.1	38.7	15.3	1
2	9.200	7.97	9.91	15.9	57.4	240	158	234	131	22.5	33.0	17.3	2
3	9.100	7.00	10.1	15.5	60.0	269	150	183	111	21.5	39.2	17.9	3
4	9.000	7.00	10.9	16.2	60.8	203	140	151	91.3	23.1	57.2	18.7	4
5	9.100	7.15	11.0	16.7	62.6	178	150	146	71.6	20.3	43.6	17.1	5
6	9.200	8.700	10.8	19.0	67.5	177	158	153	58.4	19.6	39.2	16.3	6
7	9.100	8.100	10.7	21.7	77.7	214	210	155	52.9	18.7	35.2	16.2	7
8	9.20	7.800	11.1	22.2	76.5	223	185	158	48.2	18.0	32.3	15.8	8
9	9.900	7.750	13.9	26.6	67.3	210	161	185	41.2	17.8	30.0	15.5	9
10	9.83	7.750	18.3	19.5	61.6	228	133	167	38.4	17.3	28.3	15.3	10
11	10.3 B	7.800	21.4	18.4	61.3	180	207	185	41.8	18.9	29.6	15.7	11
12	10.5 B	8.04	18.1	17.1	62.5	164	534	184	38.8	18.5	27.2	15.1	12
13	10.3 B	8.39	15.8	18.7	69.8	131	356	135	37.2	18.5	25.8	15.0	13
14	10.3	8.75	16.6	17.0	75.4	145	224	137	40.1	18.2	26.2	14.7	14
15	9.15	8.44	15.2	16.5	77.7	177	202	128	38.2	18.0	27.4	14.2	15
16	9.12	9.03	15.9	21.1	84.7	177	184	108	38.4	18.4	28.4	13.7	16
17	8.300	9.05	15.2	23.5	87.0	183	134	10'	37.1	18.4	28.1	11.6	17
18	8.100	8.70	14.2	30.4	85.5	189	128	82.8	32.3	18.2	28.4	11.0 B	18
19	8.800	9.51	13.7	38.4	88.3	145	139	83.0	28.7	18.1	27.1	10.8 B	19
20	8.750	9.40	13.5	41.1	89.3	126	157	83.7	28.8	18.8	25.8	10.7 B	20
21	8.700	9.22	13.1	47.5	113	109	142	78.4	27.8	18.0	24.8	10.6 B	21
22	8.750	9.20	12.5	48.8	121	108	136	77.1	27.9	23.1	23.8	10.3 B	22
23	8.880	9.17	12.3	54.0	143	123	138	79.2	28.3	19.8	22.8	9.900	23
24	8.500	9.31	12.5	73.3	173	158	153	88.0	28.0	17.8	22.1	9.700	24
25	8.950	10.7	12.8	64.1	198	138	150	103	31.0	18.8	22.2	9.800	25
26	8.800	10.8	12.9	63.8	201	112	177	77.4	34.2	19.2	21.5	9.600	26
27	8.89	10.4	13.1	54.3	208	115	133	73.9	37.8	22.1	21.1	9.400	27
28	8.39	10.2	13.3	49.8	254	140	117	80.6	28.0	20.9	19.7	9.400	28
29	8.97		13.4	48.5	251	168	117	84.3	24.9	19.7	17.1	9.300	29
30	8.88		14.3	53.4	312	205	123	81.8	23.9	22.2	16.8	9.200	30
31	8.800		14.9		280		141	84.0		48.3		9.200	31
TOTAL	285.01	248.93	423.61	1 001.9	3 728.8	5 187	5 522	3 874.2	1 408.1	609.4	884.4	403.80	TOTAL
MEAN	9.19	8.82	13.7	33.4	120	172	178	125	47.0	19.7	28.8	13.0	MEAN
MAX	10.6	10.8	21.4	84.1	312	284	534	234	131	48.3	57.2	17.9	MAX
MIN	8.50	7.00	9.91	15.5	54.7	109	117	73.9	23.9	15.1	16.8	9.20	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 84.6
MAXIMUM DAILY, 534 ON JUL 12
MINIMUM DAILY, 7.00 ON FEB 4
MAXIMUM INSTANTANEOUS,
743E AT 09:05 PST ON JUL 12

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 38 17 N
LONG 117 02 50 W
DRAINAGE AREA, 1 330 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	24 600	JUL	477 000
FEB	21 300	AUG	335 000
MAR	38 600	SEP	122 000
APR	86 800	OCT	52 700
MAY	322 000	NOV	76 700
JUN	448 000	DEC	34 800

TOTAL DISCHARGE, 2 030 000 dam³

DUNCAN RIVER BELOW LARDEAU RIVER - STATION NO. 08NN118

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	200E	225 E	18.9	49.6	137	288	168	345	205	142	81.0	149	1
2	248E	225 E	20.5	48.2	141	284	148	403	284	142	89.0	151	2
3	108E	224 E	20.2	50.8	143	272	147	421	280	141	80.7	151	3
4	240E	230 E	68.2	50.9	144	255	138	369	188	142	89.7	197	4
5	240E	234	88.7	51.1	153	233	139	309	187	141	89.3	239	5
6	240E	234	86.4	51.7	158	219	148	294	144	140	87.9	237	6
7	240E	238	40.2	52.8	182	221	188	311	139	140	80.8	235	7
8	240E	235	21.2	78.7	188	229	163	328	132	138	48.8	235	8
9	240E	235	22.9	107	215	231	148	340	128	138	49.1	235	9
10	247E	278	28.6	108	178	232	133	332	108	137	47.8	242	10
11	248E	308	28.8	108	158	218	138	287	111	138	47.5	314	11
12	248E	307	27.7	108	180	181	248	287	105	135	48.1	308	12
13	248E	308	27.1	108	183	174	277	280	99.3	138	83.8	308	13
14	248E	307	26.8	108	188	188	288	288	98.6	84.4	73.3	288	14
15	247E	307	27.0	141	128	181	434	281	98.1	49.3	73.4	309	15
16	187E	307	28.8	183	112	188	440	285	102	48.7	74.0	308	16
17	186E	285	85.7	182	114	188	423	262	111	48.6	74.6	305	17
18	188E	190	89.2	187	117	187	349	228	105	48.5	73.4	308	18
19	208A	191	44.5	170	118	178	281	198	89.4	42.0	73.1	310.	19
20	210	191	41.0	144	119	183	222	174	78.8	33.0	71.8	308	20
21	213	191	41.1	112	130	180	208	171	77.8	32.8	71.1	308	21
22	218	192	40.7	127	138	140	235	178	77.2	38.1	72.2	308	22
23	235	192	40.1	131	148	140	251	183	76.6	95.7	72.0	308	23
24	230A	192	40.0	142	184	148	299	186	76.3	135	71.3	308	24
25	212E	170	40.5	228	188	142	400	205	75.6	135	70.8	308	25
26	212E	133	40.5	188	185	133	425	207	83.4	135	89.8	308	26
27	211E	131	40.4	185	182	130	381	171	83.1	135	117	308	27
28	212E	76.2	40.2	135	208	135	381	177	86.4	135	154	308	28
29	211E		40.5	129	241	138	275	184	105	134	152	308	29
30	210E		43.5	129	288	180	279	181	143	84.9	150	309	30
31	224E		45.3		273		327	190		86.9		309	31
TOTAL	5 913	5 311.2	1 209.5	3 483.6	5 109	5 880	7 998	8 278	3 812.6	3 278.1	2 248.3	8 533	TOTAL
MEAN	223	225	39.0	116	165	189	257	267	120	105	74.9	275	MEAN
MAX	248	308	88.7	228	273	272	440	421	280	142	154	314	MAX
MIN	108	76.2	18.9	45.6	112	130	133	171	75.6	32.8	47.5	149	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 172
MAXIMUM DAILY, 440 ON JUL 16
MINIMUM DAILY, 18.9 ON MAR 1
MAXIMUM INSTANTANEOUS,
487 AT 15:20 PST ON JUL 16

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 13 55 N
LONG 118 57 18 W
DRAINAGE AREA, 4 070 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED SINCE 1967

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	597 000	JUL	687 000
FEB	548 000	AUG	715 000
MAR	105 000	SEP	312 000
APR	302 000	OCT	283 000
MAY	441 000	NOV	184 000
JUN	491 000	DEC	737 000

TOTAL DISCHARGE, 5 410 000 dam³

OUTCAU CREEK NEAR LAVINGTON - STATION NO. 08LC008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.512	0.605	1.11	0.980	5.15	5.15	1.07	0.980	1.05	0.274	0.802	0.483	1
2	0.586	0.599	1.08	0.972	5.15	4.85	2.35	0.572	1.35	0.262	0.826	0.496	2
3	0.516	0.442	1.05	0.938	4.98	3.91	2.46	0.589	1.36	0.233	0.848	0.4928	3
4	0.526	0.487	1.04	0.924	4.13	3.21	2.14	0.526	1.40	0.258	0.828	0.4768	4
5	0.539	0.533	1.01	0.972	3.88	2.86	1.47	0.488	1.43	0.251	0.812	0.4808	5
6	0.531	0.844	1.01	1.01	3.86	1.74	1.27	0.520	1.45	0.232	0.802	0.484	6
7	0.530	0.839	1.01	1.15	3.90	1.20	1.41	0.730	1.46	0.161	0.577	0.4008	7
8	0.537	0.869	0.986	1.23	3.80	1.15	1.52	0.842	1.31	0.158	0.558	0.357	8
9	0.530	0.852	1.03	1.19	3.59	1.02	2.05	0.875	1.05	0.157	0.554	0.280	9
10	0.550	0.586	1.21	1.21	3.32	1.11	2.04	1.00	1.12	0.149	0.588	0.275	10
11	0.557	0.618	1.28	1.12	2.89	0.844	1.48	1.35	1.14	0.155	0.585	0.230	11
12	0.537	0.855	1.28	1.04	2.56	0.716	1.27	1.56	1.13	0.144	0.587	0.206	12
13	0.506	0.856	1.28	0.963	2.29	0.678	1.92	1.57	1.13	0.153	0.583	0.290	13
14	0.523	0.839	1.23	0.952	2.08	0.807	2.18	1.55	1.14	0.189	0.617	0.279	14
15	0.471	0.855	1.18	1.01	2.10	1.20	2.34	0.836	1.14	0.228	0.648	0.269	15
16	0.585	3.21	1.08	1.11	2.04	1.12	2.38	0.478	1.18	0.200	0.760	0.177	16
17	0.593	1.88	1.06	1.25	2.46	1.29	2.15	0.528	1.20	0.204	0.618	0.126	17
18	0.558	1.42	1.04	1.58	3.85	2.13	1.29	0.838	1.18	0.238	0.630	0.251	18
19	0.566	1.16	1.01	1.91	4.08	2.25	0.813	0.830	1.20	0.225	0.622	0.243	19
20	0.548	1.08	0.995	2.27	3.80	2.36	0.813	0.719	1.16	0.284	0.613	0.2908	20
21	0.545	1.05	0.988	2.73	3.86	2.57	0.812	0.882	1.01	0.288	0.784	0.2908	21
22	0.540	1.04	0.988	3.17	3.95	2.61	0.473	0.733	0.948	0.282	0.784	0.2628	22
23	0.550	1.06	0.991	3.62	3.82	2.50	0.533	0.732	0.908	0.281	0.783	0.2608	23
24	0.546	1.08	1.02	5.43	3.86	2.78	0.676	0.822	0.885	0.285	0.797	0.2658	24
25	0.554	1.16	0.983	5.86	4.04	3.00	0.861	1.04	0.844	0.268	0.802	0.2788	25
26	0.568	1.18	0.967	6.10	4.71	2.91	1.13	1.01	0.751	0.446	0.814	0.2908	26
27	0.582	1.16	0.995	5.68	5.04	2.12	1.06	0.941	0.538	0.472	0.815	0.3088	27
28	0.582	1.10	0.986	4.99	5.07	1.67	1.09	1.01	0.481	0.513	0.802	0.3508	28
29	0.564		0.988	4.70	5.18	1.68	0.972	1.18	0.285	0.523	0.820	0.4008	29
30	0.571		0.989	5.07	5.33	1.82	0.928	1.08	0.281	0.536	0.878	0.446	30
31	0.591		0.990		5.52		0.844	0.967		0.537		0.381	31
TOTAL	15.883	28.837	32.849	71.332	120.10	82.182	64.876	27.318	31.500	8.289	20.883	8.974	TOTAL
MEAN	0.548	0.958	1.06	2.37	3.87	2.07	1.44	0.878	1.05	0.288	0.695	0.322	MEAN
MAX	0.593	3.21	1.28	5.10	5.52	5.15	2.46	1.57	1.46	0.537	0.830	0.496	MAX
MIN	0.471	0.442	0.967	0.924	2.04	0.807	0.473	0.488	0.281	0.144	0.553	0.126	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.30
MAXIMUM DAILY, 5.10 ON APR 26
MINIMUM DAILY, 0.126 ON DEC 17
MAXIMUM INSTANTANEOUS,
5.32 AT 00:54 PST ON APR 26

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 11 51 N
LONG 119 02 04 W

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 470	JUL	3 880
FEB	2 320	AUG	2 350
MAR	2 640	SEP	2 720
APR	5 150	OCT	801
MAY	10 400	NOV	1 800
JUN	5 370	DEC	883

TOTAL DISCHARGE, 40 900 dam³

EAGLE RIVER NEAR MALAKWA - STATION NO. 08LE024

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.37	8.84	23.6	24.8	59.3	185	82.0	55.8	24.2	12.8	45.7	15.2	1
2	7.81	8.71	20.8	24.8	65.0	157	79.3	54.0	48.7	12.3	37.3	15.2	2
3	8.43	7.86	18.8	25.2	66.1	144	82.5	49.0	51.3	12.1	30.8	15.1	3
4	8.81	7.52	18.4	25.2	61.5	118	74.2	42.3	38.2	12.3	25.2	14.2	4
5	8.84	7.18	18.4	25.6	60.5	99.7	74.0	39.4	34.0	12.0	44.2	13.7	5
6	8.61	7.18	17.8	25.7	64.9	93.4	76.1	38.8	27.1	11.7	38.1	13.4	6
7	8.72	8.208	17.7	30.9	75.2	108	72.0	34.8	26.2	11.4	33.3	12.8	7
8	8.83	8.288	18.5	32.5	89.1	112	66.8	34.1	23.7	11.1	30.4	12.7	8
9	9.10	8.558	22.9	30.4	89.7	110	78.2	38.2	22.0	10.8	27.8	13.1	9
10	8.84	8.008	32.9	29.0	84.8	88.4	82.2	36.1	20.5	10.5	25.5	13.0	10
11	9.76	8.38	41.5	27.4	82.5	85.8	86.1	37.7	25.0	10.3	27.5	12.6	11
12	9.73	10.6	37.5	26.7	83.3	71.8	288	42.9	25.4	10.0	26.6	12.2	12
13	9.59	12.7	34.8	23.9	85.2	68.1	226	36.0	24.4	9.91	24.5	12.2	13
14	9.07	12.6	33.9	23.0	86.8	70.9	222	34.1	26.8	9.71	23.6	12.2	14
15	8.41	12.6	32.8	23.2	88.3	87.6	152	30.7	23.5	10.4	26.5	12.0	15
16	8.15	12.7	31.6	24.8	82.9	89.9	120	27.5	22.5	10.1	35.6	11.6	16
17	8.87	12.9	29.8	26.3	87.7	124	93.2	24.7	23.0	9.88	38.6	10.1	17
18	8.51	14.2	27.8	32.7	88.4	160	80.2	24.3	20.8	9.89	35.2	10.4	18
19	8.33	14.8	25.9	36.6	93.6	95.0	72.6	22.8	19.1	9.87	32.6	10.2	19
20	8.30	15.7	24.6	43.3	90.4	108	68.6	22.0	18.1	11.0	29.6	8.77	20
21	8.10	18.2	23.3	52.5	73.9	87.2	68.2	20.2	17.2	11.1	27.2	8.808	21
22	8.08	18.8	22.2	64.0	77.7	71.2	68.2	19.1	17.0	10.1	25.2	8.288	22
23	7.97	18.4	21.5	66.8	85.9	71.8	67.2	18.7	16.8	10.4	23.7	8.088	23
24	7.84	18.2	22.4	73.5	117	81.7	68.7	18.4	18.1	10.8	22.3	8.008	24
25	7.84	27.0	22.6	82.7	137	72.5	80.2	18.7	18.7	17.1	21.5	8.288	25
26	7.84	25.9	21.6	74.6	128	61.6	61.2	19.2	16.0	21.6	20.3	8.288	26
27	10.3	25.1	21.9	61.7	117	58.4	60.3	19.0	17.6	25.1	19.9	8.028	27
28	10.8	23.7	22.7	55.3	154	66.9	61.0	21.1	16.3	22.9	18.6	7.708	28
29	8.70		22.5	52.9	190	75.2	66.5	22.0	14.0	20.2	17.5	8.008	29
30	8.32		24.3	56.6	209	108	61.2	23.6	13.2	22.6	18.7	8.408	30
31	9.06		24.2		207		50.5	22.6		83.0		9.008	31
TOTAL	270.95	377.69	778.3	1 183.6	2 742.5	2 916.1	2 829.8	843.8	703.2	474.87	891.3	341.15	TOTAL
MEAN	8.74	13.5	25.1	39.8	88.5	97.2	91.3	30.4	23.4	15.3	29.7	11.0	MEAN
MAX	10.8	27.0	41.5	82.7	209	185	288	55.8	51.3	83.0	95.2	15.2	MAX
MIN	7.37	7.18	17.7	23.0	52.3	58.4	50.5	18.4	13.2	9.71	18.7	7.70	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 39.6
MAXIMUM DAILY, 288 ON JUL 12
MINIMUM DAILY, 7.18 ON FEB 6
MAXIMUM INSTANTANEOUS,
350 AT 16:43 PST ON JUL 12

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 56 15 N
LONG 118 47 59 W
DRAINAGE AREA, 804 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	23 400	JUL	244 000
FEB	32 800	AUG	81 500
MAR	67 300	SEP	60 800
APR	103 000	OCT	41 000
MAY	237 000	NOV	77 100
JUN	252 000	DEC	29 500

TOTAL DISCHARGE, 1 250 000 dam³

ELAHO RIVER NEAR THE MOUTH - STATION NO. 08GA071

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	16.00	20.0	31.0	38.3	131	344	183	253	219	34.6	120	20.00	1
2	16.00	19.00	27.5	35.0	111	316	220	255	228	31.4	144	19.00	2
3	17.20	16.50	25.3	30.5	124	280	190	248	208	32.1	142	19.00	3
4	17.50	17.50	23.9	29.1	120	223	169	184	198	47.3	137	18.50	4
5	16.00	17.00	22.9	30.3	105	197	170	175	163	35.4	92.7	18.00	5
6	17.9	16.30	22.2	32.9	109	204	177	178	181	31.0	80.3	17.20	6
7	23.1	16.1	22.2	40.3	129	240	162	162	145	27.4	67.1	16.50	7
8	52.9	17.8	25.8	41.7	105	272	136	224	96.8	25.3	56.6	16.20	8
9	35.2	17.7	102	35.0	88.5	313	129	263	76.6	23.5	49.3	16.00	9
10	34.9	17.8	67.1	30.8	78.6	374	130	263	68.8	22.3	46.7	15.50	10
11	57.7	25.8	67.0	28.1	90.4	337	414	285	109	21.9	110	15.50	11
12	73.7	72.9	53.8	26.3	106	182	547	237	86.5	23.3	97.6	15.00	12
13	76.0	59.3	44.4	25.7	126	164	480	226	68.3	25.1	73.7	14.80	13
14	46.6	52.8	43.7	26.5	141	168	371	243	84.0	23.8	62.8	14.40	14
15	33.2	46.1	42.3	30.5	110	237	244	211	84.2	22.8	94.0	13.80	15
16	27.8	35.8	36.3	40.5	122	224	206	190	114 A	21.6	135	13.20	16
17	25.2	30.4	33.5	50.4	138	243	219	180	84.4A	22.1	86.0	13.00	17
18	27.4	30.4	33.2	61.0	141	209	230	186	67.9	21.4	72.7	12.50	18
19	34.8	35.9	31.4	71.8	156	183	242	179	45.6	22.2	58.6	12.20	19
20	34.3	33.0	30.5	84.4	185	150	266	162	43.4	37.1	48.3	11.80	20
21	28.9	30.1	29.3	81.7	193	147	256	151	69.7	89.2	40.6	11.50	21
22	25.9	26.3	28.5	83.1	200	170	226	154	80.4	176	35.5	11.20	22
23	23.8	60.0	28.7	82.2	226	207	216	176	84.7	67.2	32.4	10.90	23
24	22.8	67.1	30.5	118	251	230	222	181	88.2	44.8	30.9	10.90	24
25	23.4	70.5	29.7	107	257	189	238	164	80.8	80.3	29.1	10.80	25
26	25.8	51.2	28.9	88.2	235	177	226	147	87.2	426	26.3	10.80	26
27	31.7	42.5	31.3	80.7	224	190	247	140	73.0	352	27.2	11.00	27
28	30.1	35.9	31.4	84.5	248	192	269	197	61.2	126	24.8	11.40	28
29	25.5		31.5	125	348	197	207	188	62.1	79.7	23 1A	11.80	29
30	23.1		28.7	137	384	189	202	192	57.2	284	21.00	12.50	30
31	21.8		42.8		358		236	191		208		13.50	31
TOTAL	960.5	1 012.4	1 157.4	1 784.3	5 367.0	6 583	7 425	6 173	3 114.4	2 481.0	2 077.1	438.6	TOTAL
MEAN	31.3	36.2	37.3	59.8	173	220	240	199	104	80.4	69.2	14.2	MEAN
MAX	76.0	67.1	102	137	358	374	547	285	228	426	144	20.4	MAX
MIN	16.8	17.0	22.2	25.7	78.0	147	129	140	37.3	21.4	21.0	10.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 105
MAXIMUM DAILY, 547 ON JUL 12
MINIMUM DAILY, 10.80 ON DEC 25
MAXIMUM INSTANTANEOUS,
688 AT 02:44 PST ON JUL 12

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 07 10 N
LONG 123 26 10 W
DRAINAGE AREA, 1 250 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	83 600	JUL	642 000
FEB	87 500	AUG	533 000
MAR	100 000	SEP	269 000
APR	155 000	OCT	215 000
MAY	464 000	NOV	179 000
JUN	570 000	DEC	38 000

TOTAL DISCHARGE, 3 340 000 dam³

ELK RIVER AT FERNIE - STATION NO. 08NK002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	8.30B	10.0 B	13.8	17.1	68.4	204	75.0	45.9	24.5	17.3	15.5	11.3	1
2	8.20B	10.0 B	14.0	17.3	65.9	178	71.8	44.6	24.8	17.1	15.5	11.1	2
3	8.40B	10.0 B	13.4	17.2	67.5	167	72.8	43.8	24.8	17.0	15.4	11.20	3
4	8.80B	9.70B	13.3	17.1	80.3	172	73.0	43.7	24.8	16.8	41.2	11.00	4
5	9.20B	9.40B	12.9	16.6	91.5	167	73.0	42.9	24.8	16.6	36.7	11.00	5
6	9.70B	9.10B	12.4	17.1	88.4	160	73.8	41.1	23.7	16.7	30.1	10.80	6
7	10.7 B	9.00B	12.4	16.2	81.3	180	74.6	39.4	23.3	16.5	28.0	10.80	7
8	11.6 B	8.80B	12.4	16.8	83.0	181	77.1	38.4	22.4	16.5	24.8	11.20	8
9	11.3 B	8.80B	14.7	16.7	81.2	180	78.1	38.3	22.2	16.3	22.7	12.00	9
10	11.8 B	9.00B	16.8	16.2	86.0	184	69.5	38.6	22.0	16.1	22.0	12.60	10
11	12.5 B	9.40B	20.6	17.7	88.2	141	64.5	39.2	21.8	15.5	21.5	13.10	11
12	13.6 B	10.0 B	19.7	17.4	86.5	125	65.0	38.3	21.1	15.5	20.8	12.40	12
13	14.3 B	10.8 B	18.0	16.8	85.6	111	74.9	37.2	20.4	15.6	21.0	13.80	13
14	13.7 B	11.6 B	16.7	16.7	82.7	101	118	36.1	20.1	15.5	20.4	13.50	14
15	13.0 B	12.6	17.9	17.1	89.4	98.1	107	34.8	19.6	15.7	20.5	13.20	15
16	12.5 B	12.4	17.4	17.8	87.6	95.3	97.7	33.6	19.2	15.1	20.2	12.30	16
17	12.1 B	12.7	16.6	16.8	72.5	93.0	90.1	32.9	18.6	15.1	20.6	11.00	17
18	11.6 B	13.8	15.7	21.0	78.0	92.0	81.3	32.2	19.3	15.2	20.5	11.00	18
19	11.6 B	13.3	14.5	24.4	77.4	86.4	74.8	32.0	19.4	14.9	19.5	11.10	19
20	11.2 B	13.1	14.6	28.0	76.0	78.5	71.3	31.1	19.0	14.7	18.7	11.20	20
21	10.9 B	13.0	14.8	34.8	80.5	73.6	68.7	29.6	18.5	14.7	18.0	10.30	21
22	10.8 B	13.0	14.3	43.1	107	68.7	65.4	28.6	18.1	15.0	18.6	10.50	22
23	10.5 B	13.4	14.5	48.3	124	70.2	62.3	28.2	17.7	17.0	18.4	10.80	23
24	10.0 B	13.7	14.3	54.0	144	78.5	58.6	28.7	17.2	16.1	18.3	10.50	24
25	9.70B	14.4	14.7	78.4	169	87.1	58.4	29.2	16.8	15.8A	18.1	10.30	25
26	8.80B	14.7	14.6	87.2	200	83.1	59.7	28.7	16.5	15.0	18.2	11.30	26
27	10.3 B	13.8	15.0	88.9	214	78.3	58.0	28.1	16.6	14.5	18.7	10.80	27
28	10.7 B	13.5	15.3	83.0	218	74.8	55.1	27.7	16.9	14.2	18.5	10.80	28
29	10.5 B		15.6	68.4	228	72.8	51.8	26.7	16.0	14.1	14.9	10.40	29
30	10.2 B		15.8	67.2	247	78.6	48.1	25.6	17.6	14.6	13.3	11.00	30
31	10.0 B		17.6		232		47.1	25.0		15.3		12.00	31
TOTAL	338.00	323.30	480.3	918.4	3 184.9	3 470.2	2 217.4	1 075.1	612.3	486.:	616.8	366.3	TOTAL
MEAN	10.9	11.5	15.5	30.5	103	116	71.5	34.7	20.4	15.7	20.5	11.5	MEAN
MAX	14.3	14.7	20.6	78.4	247	204	118	45.9	24.8	17.3	41.2	13.8	MAX
MIN	8.20	8.80	12.4	16.7	68.4	88.7	47.1	25.0	16.5	14.1	13.3	10.3	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 36.6
MAXIMUM DAILY, 247 ON MAY 30
MINIMUM DAILY, 8.20B ON JAN 2
MAXIMUM INSTANTANEOUS,
255 AT 13:00 MST ON MAY 30

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 30 35 N
LONG 115 04 17 W
DRAINAGE AREA, 3 110 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	20 200	JUL	102 000
FEB	27 000	AUG	82 000
MAR	41 500	SEP	52 000
APR	78 200	OCT	42 000
MAY	275 000	NOV	53 300
JUN	300 000	DEC	30 700

TOTAL DISCHARGE, 1 220 000 dam³

ELK RIVER AT PHILLIPS BRIDGE - STATION NO. 08NK005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	20.88	18 1	24.6	28.7	85.3	360	127	88.7	34.3	24 8	27.9	20.8	1
2	18.7	18 1	25.3	28.6	88.2	300	121	84.2	35.6	24 7	27.6	20.28	2
3	18.5	18.0	24.1	30.2	89.4	288	130	83.8	35.4	24 6	31.8	20.08	3
4	20.6	17.1	24.1	29.8	104	278	128	82.3	34 7	24.3	98.3	20.08	4
5	20.3	16.78	22.9	29.4	108	272	123	80.3	35.3	23.8	79.4	21.28	5
6	21.5	16.48	22.2	29.9	119	261	121	80.1	34 4	23.6	84.4	21.08	6
7	19.8	16.88	21.9	32.6	123	262	121	80.9	33.1	23.6	81.C	20.88	7
8	27.1	17.8	21 2	34.5	136	282	122	84.8	32.3	23 4	82.2	22.08	8
9	33.5	17.4	23 1	34.4	126	288	121	84.2	33.0	23.0	46.5	22.05	9
10	28.5	17.0	31.8	33.4	114	261	118	82.8	31 6	22.9	43.2	22.08	10
11	28.8	17.2	38.2	31.8	108	243	108	84.5	31.8	22.8	42.0	22.1	11
12	28.1	17.5	38.3	30.3	106	212	101	83.3	31.0	22.2	41.3	22.7	12
13	28.4	21.3	37.0	29.3	108	190	123	80.7	30.1	23.0	41.3	23.1	13
14	23.5	20.8	38.8	28.5	118	174	252	48.8	29.3	21.8	41.2	22.8	14
15	21.8	19.8	35.0	28.5	125	173	216	47.1	28 5	21.4	40.1	21.4	15
16	19.3	18.3	33.7	32.3	129	168	180	48.7	27.8	21.4	39.7	20.5	16
17	18.9	18.2	31.8	34.8	139	159	171	46.4	28.5	21.8	41.7	18.9	17
18	18.7	22.8	73.8	40 8	182	160	147	43.3	28 1	22.1	42.3	18.88	18
19	19.8	23.0	27.1	80 5	158	149	133	42.4	27 8	21.8	38.3	19.68	19
20	18.8	21.8	26.6	64.3	185	135	123	41.4	27 4	21.8	37.0	14.78	20
21	17.8	22.2	28.3	78.2	182	124	120	40.1	26.8	21 0	35.1	14.68	21
22	18.6	22.3	26.5	101	226	112	110	38.7	26.3	24.4	33.4	14.68	22
23	18.7	23.3	25.2	112	257	114	102	38.6	25.8	22 7	31.8	14.18	23
24	17.4	23.7	24.6	157	303	125	97.7	40.8	25.3	27.2	31.3	14.08	24
25	18 6	25.6	24.4	203	348	135	95.2	40.6	24.7	28.1	30.6	14.78	25
26	17.4	27.4	24 4	188	388	129	95 2	39.4	24.2	21 6	28 6	18.08	26
27	19.0	28 6	25 1	133	418	123	91 1	38.2	24.2	21 6	28.7	19.08	27
28	20.5	25.1	25.9	110	407	118	85 4	37.7	28 1	22.4	27.7	17.88	28
29	19.2		25 7	98 6	413	116	80.0	36.6	25.8	22.0	26.5	16.08	29
30	18.1		27 6	86 6	427	128	76.5	35.7	25.4	21 8	23.3	21.08	30
31	17.3		28 3		398		71.9	34.9		26.0		22.28	31
TOTAL	684.5	572.2	859.8	1 940.2	8 213.8	5 767	3 806.0	1 489.3	883.4	728.1	1 236.5	593.4	TOTAL
MEAN	21.1	20 4	27 7	64 7	201	192	123	48.0	29.4	23.4	41.2	19.1	MEAN
MAX	33.5	27 4	38 3	203	427	360	262	88.7	35 6	32.7	98.3	23.1	MAX
MIN	15.5	16 4	21.2	28 6	85.3	112	71.9	34.9	24.2	21.8	23.3	14.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 67.8
MAXIMUM DAILY, 427 ON MAY 30
MINIMUM DAILY, 14.08 ON DEC 24
MAXIMUM INSTANTANEOUS,
439 AT 08:10 MST ON MAY 27

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 12 54 N
LONG 115 06 38 W
DRAINAGE AREA, 4 450 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	58 500	JUL	329 000
FEB	49 400	AUG	120 000
MAR	74 300	SEP	76 300
APR	168 000	OCT	62 700
MAY	537 000	NOV	107 000
JUN	497 000	DEC	51 300

TOTAL DISCHAR.E, 2 140 000 dam³

ELK RIVER BELOW WEARY CREEK - STATION NO. 08NK027

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.9900	0.9008	0.8808	0.9108	3.86	28.8	15.3	10.7	6.48E	3.84	1.38	1.438	1
2	0.9808	0.9008	0.8408	0.9208	3.89	26 7	14.5	11.1	6.48E	2.84	1.41	1.388	2
3	1.00 B	0.8808	0.8808	0.9408	4.36	26.7	15.0	11.8	6.28E	2.73	1.73	1.358	3
4	1.00 B	0.8408	0.8508	0.9508	4.85	26 7	14.8	11.4	6.21E	2.68	3.87	1.323	4
5	1.02 B	0.8008	0.8408	0.9808	4.67	25 3	14.7	10.7	6.32E	2.88	3.23	1.288	5
6	1.03 B	0.7708	0.8488	1.02 B	5.37	23 8	15 1	10.8	6.10E	2.46	2.84	1.248	6
7	1.07 B	0.7808	0.8508	1 00 B	6 88	24 7	15 6	10.6	6.20E	2.34	2 84	1.218	7
8	1.11 B	0.7808	0.8708	0.8908	6 88	26 9	16 6	10 7	6 00E	2.14	2.32	1.228	8
9	1.08 B	0.7908	0.9208	0.8808	6.88	25.8	16.3	10.4	5 70E	2.17	2 08	1.258	9
10	1.10 B	0.8008	1.00 B	0.9708	6.58	24 4	14 3	10.4	5 40E	2.10	2.04	1.328	10
11	1.10 B	0.8208	0.9858	0.8808	6.77	21.7	12 8	10.3	5 10E	1.96	1.87	1.348	11
12	1.14 B	0.8508	0.9808	0.8508	7.17	18 7	14 7	10.5	5.00E	1.82	1.808	1.348	12
13	1.14 B	0.8808	0.9808	0.8408	7 55	18 0	23 9	10.3	4.80E	1.81	1 808	1.348	13
14	1 11 B	0.8758	0.8708	0.9308	8 12	16 6	29 8	9 82	4.60E	1.82	1.808	1.348	14
15	1.08 B	0.8858	0.9808	0.9808	8.85	15.2	26.8	9.44	4.30E	1.98	1.808	1.328	15
16	1.00 B	0.8528	0.9508	0.9808	8 87	15 8	19 8	9.16	4 00E	1.80	1.808	1.318	16
17	1.02 B	0.8688	0.9408	1 10 E	9 31	15 8	16 1	8.84	3.90E	1.78	1.808	1.288	17
18	1.02 B	0.8708	0.9208	1.30 E	9 82	15 1	14 1	8.73	3.90E	1.67	1.808	1.288	18
19	1.02 B	0.8808	0.9108	1 80 E	9 82	14 7	13.4	7 98	3.80E	1.63	1.888	1.228	19
20	0.9708	0.8808	0.9008	2 10 E	10 1	12.9	14.2	7.86	3 70E	1.81	1.858	1.198	20
21	0.9808	0.8808	0.9008	2 90 E	11.4	11.3	14 5	7.52	3.60E	1.86	1.818	1.188	21
22	1.00 B	0.8808	0.9008	3 80 E	12.7	10 8	13 5	7.36	3.60E	1.85	1.778	1.138	22
23	0.9808	0.8708	0.9208	4.30 E	15 0	13 0	12 5	7.33	3.40E	1.70	1.738	1.108	23
24	0.8808	0.8908	0.9208	5.00 E	17 6	19 0	13.2	7.38	3.30E	1.63	1.708	1.078	24
25	0.8908	0.9108	0.9208	4 80 E	21.3	18 5	14.0	7.86	3.20E	1.86	1.678	1.068	25
26	0.8108	0.8808	0.9108	4 70 E	26 1	18.1	14.9	7.86	3.10E	1.44	1.638	1.108	26
27	0.8508	0 8708	0 9008	4 44 A	28.7	16 3	13 2	7.18	3.33A	1.43	1.888	1.088	27
28	0 8808	0 8408	0.8108	3 81	32.2	14 0	11 7	6.88	3.31	1.36	1.858	1.078	28
29	0 8708		0.9008	3 70	36.0	14.4	10.8	6.82	3.18	1.37	1.818	1.088	29
30	0.8808		0.8008	3.78	37 6	15.4	10 8	6.71A	3.09	1.34	1.478	1.088	30
31	0.8908		0.8008		33 6		10.7	6.60E		1.34		1.148	31
TOTAL	31.150	23.820	28.230	82 700	412 08	588.2	476.8	278.71	138.77	59.41	58.78	38.04	TOTAL
MEAN	1.00	0.851	0.911	2.09	13.3	19.0	15.4	8.02	4.86	1.82	1.88	1.23	MEAN
MAX	1.14	0.910	1.00	5 00	37.6	29.8	29.8	11.8	6.45	2.84	3.87	1.43	MAX
MIN	0.880	0.770	0.840	0.910	3.58	10 8	10.8	6.60	3.09	1.34	1.38	1.08	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.86
MAXIMUM DAILY, 37.6 ON MAY 30
MINIMUM DAILY, 0.7708 ON FEB 6
MAXIMUM INSTANTANEOUS,
38.9 AT 08:00 MST ON MAY 30

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 22 57 N
LONG 114 55 18 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	2 880	JUL	41 200
FEB	2 080	AUG	20 200
MAR	2 440	SEP	11 600
APR	8 420	OCT	8 130
MAY	35 600	NOV	5 880
JUN	49 200	DEC	3 290

TOTAL DISCHARGE, 189 000 dam³

ELK RIVER NEAR BATAL - STATION NO. 05NK015

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.500	5.54	5.37	5.61	18.5	104	45.2	28.1	15.4	10.8	7.82	5.500	1
2	5.400	5.59	5.47	5.52	18.5	91.6	43.5	27.5	15.4	10.5	7.76	5.050	2
3	5.000	5.52	5.38	5.60	18.9	89.8	44.9	27.2	15.7	10.3	8.09	5.000	3
4	5.03	5.43	5.36	5.54	19.3	94.1	45.4	27.2	15.4	10.2	9.64	5.000	4
5	5.10	5.328	5.33	5.47	19.8	92.1	46.2	26.5	15.2	10.0	9.98	5.000	5
6	5.23	5.228	5.43	5.53	20.8	88.1	46.5	25.6	15.0	10.1	10.2	5.000	6
7	5.33	5.28	5.38	5.74	22.7	82.9	47.5	25.0	14.4	10.0	10.1	5.050	7
8	5.53	5.32	5.36	5.95	24.6	85.3	48.4	24.9	14.2	9.97	9.97	5.200	8
9	5.62	5.33	5.45	6.07	25.5	85.1	47.7	24.7	14.1	9.78	9.64	5.400	9
10	5.53	5.27	5.40	5.97	25.2	78.5	44.4	24.4	13.5	9.76	9.55	5.438	10
11	5.43	5.30	5.53	5.81	24.3	73.2	40.6	24.5	13.3	9.85	9.80	5.438	11
12	5.34	5.42	5.34	5.84	24.5	66.6	38.9	24.4	13.0	9.46	9.49	5.37	12
13	5.28	5.42	5.18	5.90	25.7	59.6	42.1	24.0	12.6	9.41	9.51	5.27	13
14	5.05	5.41	5.11	5.94	27.3	54.6	51.3	23.6	12.3	9.22	9.43	5.48	14
15	5.050	5.51	5.05	5.86	29.3	52.6	56.2	22.8	11.9	9.07	9.20	5.45	15
16	5.000	5.49	5.04	5.85	30.9	51.9	52.8	23.0A	11.7	8.96	8.91	5.35A	16
17	5.77	5.52	5.04	5.91	31.8	50.4	49.0	21.7E	11.6	8.98	8.91	5.358	17
18	5.69	5.48	5.04	6.07	33.8	50.4	45.6	20.9E	11.7	8.85	8.82	5.338	18
19	5.71	5.41	5.19	8.40	38.3	49.1	42.0	20.4E	11.7	8.64	8.70	5.328	19
20	5.62	5.39	5.68	6.81	35.5	45.6	40.7	19.9E	11.6	8.42	8.69	5.238	20
21	5.43	5.33	5.70	7.83	39.1	41.6	40.6	19.6E	11.3	8.35	8.40	5.208	21
22	5.53	5.40	5.69	8.78	46.4	38.2	38.6	18.9E	11.0	8.48	7.82	5.208	22
23	5.62	5.47	5.53	10.9	55.8	39.1	38.6	19.3E	10.8	8.64	7.88	5.038	23
24	5.65	5.37	5.47	15.3	64.8	47.2	34.8	19.8E	10.6	8.49	7.61	5.708	24
25	5.308	5.48	5.57	24.8	77.3	54.2	35.0	18.6E	10.3	8.43	7.85	5.708	25
26	5.58	5.51	5.61	34.3	83.6	52.3	38.8	17.4A	9.98	8.22	7.78	5.758	26
27	5.76	5.36	5.67	32.5	102	46.8	38.7	17.1	10.3	8.12	7.77	5.808	27
28	5.61	5.38	5.57	31.0	108	44.3	34.1	18.8	10.9	8.02	7.60	6.008	28
29	5.61		5.48	30.0	116	43.3	31.9	18.4	10.7	7.91	7.22	6.208	29
30	5.458		5.57	19.3	124	45.2	30.0	18.0	10.8	7.91	6.98	6.358	30
31	5.308		5.85		117		29.8	15.6		7.91		6.408	31
TOTAL	161.70	151.41	176.24	291.98	1 456.8	1 900.1	1 303.0	680.7	376.38	282.37	281.30	191.74	TOTAL
MEAN	5.86	5.41	5.69	9.73	47.0	63.3	42.0	22.0	12.5	9.11	9.71	6.19	MEAN
MAX	8.53	5.59	8.53	24.8	124	104	56.2	28.1	15.7	10.8	10.2	6.80	MAX
MIN	5.30	5.22	5.18	5.47	18.5	38.2	29.8	15.6	9.98	7.91	6.98	5.70	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 19.9
MAXIMUM DAILY, 124 ON MAY 30
MINIMUM DAILY, 5.18 ON MAR 18
MAXIMUM INSTANTANEOUS,
126 AT 12:43 MST ON MAY 30

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 51 58 N
LONG 114 52 05 W
DRAINAGE AREA, 1 870 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	15 700	JUL	113 000
FEB	13 100	AUG	68 600
MAR	19 200	SEP	38 500
APR	28 200	OCT	28 400
MAY	128 000	NOV	22 800
JUN	184 000	DEC	18 800

TOTAL DISCHARGE, 827 000 dam³

ELLIOTT CREEK ABOVE DIVERSIONS - STATION NO. 05NJ165

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.030	0.050	0.016	0.011	0.006	0.005	---	---	---	1
2	---	---	---	0.031	0.046	0.018	0.014	0.007	0.007	---	---	---	2
3	---	---	---	0.030	0.047	0.018	0.012	0.007	0.006	---	---	---	3
4	---	---	---	0.032	0.045	0.018	0.011	0.007	0.005	---	---	---	4
5	---	---	---	0.032	0.043	0.015	0.010	0.007	0.005	---	---	---	5
6	---	---	---	0.030	0.041	0.016	0.012	0.007	0.005	---	---	---	6
7	---	---	---	0.044	0.041	0.014	0.011	0.007	0.005	---	---	---	7
8	---	---	---	0.048	0.041	0.014	0.013	0.006	0.005	---	---	---	8
9	---	---	---	0.045	0.039	0.014	0.011	0.007	0.005	---	---	---	9
10	---	---	---	0.041	0.037	0.015	0.010	0.006	0.005	---	---	---	10
11	---	---	---	0.037	0.034	0.013	0.010	0.016	0.007	---	---	---	11
12	---	---	---	0.034	0.031	0.013	0.012	0.008	0.006	---	---	---	12
13	---	---	---	0.033	0.030	0.012	0.010	0.006	0.005	---	---	---	13
14	---	---	---	0.030	0.029	0.012	0.013	0.007	0.005	---	---	---	14
15	---	---	---	0.029	0.028	0.013	0.011	0.007	0.005	---	---	---	15
16	---	---	---	0.029	0.027	0.013	0.012	0.007	0.005	---	---	---	16
17	---	---	---	0.031	0.029	0.014	0.011	0.006	0.005	---	---	---	17
18	---	---	---	0.036	0.025	0.013	0.011	0.006	0.006	---	---	---	18
19	---	---	---	0.045	0.025	0.012	0.010	0.005	0.005	---	---	---	19
20	---	---	---	0.050	0.024	0.012	0.011	0.005	0.005	---	---	---	20
21	---	---	---	0.052	0.023	0.012	0.011	0.005	0.005	---	---	---	21
22	---	---	---	0.055	0.021	0.012	0.010	0.005	0.005	---	---	---	22
23	---	---	---	0.068	0.021	0.012	0.010	0.005	0.005	---	---	---	23
24	---	---	---	0.078	0.020	0.012	0.009	0.005	0.005	---	---	---	24
25	---	---	---	0.087	0.020	0.012	0.010	0.015	0.005	---	---	---	25
26	---	---	---	0.080	0.017	0.012	0.010	0.007	0.005	---	---	---	26
27	---	---	---	0.071	0.018	0.011	0.009	0.006	0.005	---	---	---	27
28	---	---	---	0.064	0.017	0.010	0.009	0.006	0.005	---	---	---	28
29	---		0.026	0.058	0.017	0.011	0.009	0.006	0.005	---	---	---	29
30	---		0.027E	0.054	0.017	0.011	0.008	0.006	0.005	---	---	---	30
31	---		0.028E		0.016		0.009	0.006		---		---	31
TOTAL	---	---	---	1.389	0.920	0.381	0.335	0.213	0.171	---	---	---	TOTAL
MEAN	---	---	---	0.047	0.030	0.013	0.011	0.007	0.006	---	---	---	MEAN
MAX	---	---	---	0.087	0.050	0.018	0.013	0.015	0.007	---	---	---	MAX
MIN	---	---	---	0.029	0.016	0.010	0.008	0.005	0.005	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 0.087 ON APR 25

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 40 38 N
LONG 117 29 08 W

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	28.9
FEB	---	AUG	16.4
MAR	---	SEP	14.8
APR	121	OCT	---
MAY	79.5	NOV	---
JUN	33.8	DEC	---

ENGLISHMAN RIVER NEAR PARKSVILLE - STATION NO. 08HB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	6.27	10.8	15.5	19.6	12.2	9.44	3.74	1.70	0.930	0.550	8.42	15.2	1
2	8.24	8.91	13.1	24.1	11.3	7.76	3.82	1.74	1.11	0.550	24.5	12.6	2
3	14.4	7.73	11.1	20.0	9.81	7.11	3.60	1.74	1.02	0.550	47.7	10.7	3
4	14.4	6.94	9.82	15.7	9.07	6.12	3.24	1.70	0.930	0.550	46.5	9.07	4
5	20.3	6.16	8.39	13.3	7.91	5.53	3.05	1.66	0.840	0.535	41.4	7.91	5
6	18.1	5.71	7.76	11.3	7.11	5.77	2.88	1.52	0.795	0.520	40.3	7.11	6
7	24.7	5.72	10.2	10.4	6.54	5.85	2.86	1.34	0.795	0.580	28.9	6.37	7
8	110	6.05	15.3	9.07	9.25	6.48	3.67	1.34	0.795	0.520	18.8	7.60	8
9	46.2	6.05	269	8.07	7.46	6.82	5.00	1.25	0.750	0.506	15.3	24.5	9
10	76.9	17.5	86.8	7.91	6.12	22.8	3.87	1.20	0.975	0.491	22.6	19.6	10
11	53.0	322	84.1	8.70	6.12	12.8	3.67	1.11	1.70	0.491	154	23.4	11
12	83.7	255	35.4	7.91	6.82	10.4	29.8	1.11	1.52	0.476	91.4	20.6	12
13	46.6	107	44.0	8.88	7.80	9.44	18.1	1.07	1.38	0.476	49.5	25.6	13
14	27.1	58.2	98.3	8.25	8.54	8.88	12.4	1.02	1.20	0.476	45.8	27.6	14
15	19.2	46.4	80.6	8.88	10.2	8.00	9.28	0.975	1.07	0.476	392	21.0	15
16	14.4	51.0	32.8	8.53	8.23	8.53	8.88	0.885	0.975	0.476	227	18.5	16
17	12.6	73.5	24.1	8.88	7.46	8.00	8.42	0.840	0.975	0.520	118	13.3	17
18	30.8	91.4	18.8	8.25	8.70	8.74	4.78	0.795	1.07	0.617	88.0	10.9	18
19	43.2	43.8	15.3	7.46	9.82	8.42	4.26	0.750	1.52	0.583	45.8	9.07	19
20	26.0	94.8	12.8	8.88	12.8	4.71	3.87	0.717	1.20	0.795	48.0	7.46	20
21	17.9	46.8	10.9	8.54	13.7	4.19	3.74	0.883	1.07	1.79	33.7	6.108	21
22	13.6	49.9	9.81	7.80	11.8	3.82	3.37	0.817	0.930	23.0	24.7	4.058	22
23	11.3	52.6	8.88	8.88	12.8	3.87	3.06	0.883	0.840	9.88	20.4	4.008	23
24	12.3	73.7	8.44	8.23	13.9	5.88	2.73	0.883	0.750	5.85	24.7	3.958	24
25	37.3	43.6	7.91	12.2	14.1	4.63	2.81	0.883	0.717	4.41	33.7	3.958	25
26	104	28.5	7.35	10.7	11.0	5.15	2.35	0.883	0.883	4.41	25.7	3.958	26
27	74.9	22.8	7.78	9.25	9.07	4.71	2.05	0.835	0.883	9.82	46.9	3.958	27
28	38.2	18.5	7.35	8.23	10.8	4.26	2.75	0.535	0.850	8.00	30.1	4.008	28
29	24.3		10.9	8.70	13.8	4.19	2.16	0.885	0.817	4.58	24.1	5.208	29
30	17.3		27.0	9.81	15.9	4.11	1.62	1.20	0.883	4.11	18.7	6.708	30
31	13.3		25.9		11.3		1.43	1.07		7.48		9.908	31
TOTAL	1 042.01	1 599.87	987.37	289.20	312.87	197.68	159.81	32.218	29.073	91.758	1 833.82	358.13	TOTAL
MEAN	33.6	57.1	31.9	9.97	10.1	6.59	5.16	1.04	0.969	2.96	61.1	11.5	MEAN
MAX	110	322	269	24.1	15.9	22.8	29.8	1.74	1.70	23.0	392	25.6	MAX
MIN	6.27	5.71	7.35	6.53	6.12	3.82	1.43	0.535	0.583	0.476	5.42	3.95	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 19.0
MAXIMUM DAILY, 392 ON NOV 15
MINIMUM DAILY, 0.476 ON OCT 12

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 19 00 N
LONG 124 15 58 W
DRAINAGE AREA, 324 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	99 000	JUL	13 800
FEB	138 000	AUG	3 780
MAR	85 300	SEP	3 510
APR	25 900	OCT	7 930
MAY	27 000	NOV	158 000
JUN	17 100	DEC	30 800

TOTAL DISCHARGE, 599 000 dam³

EWER CREEK NEAR THE MOUTH - STATION NO. 08HH176

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.0478	0.0588	0.080A	0.218	2.96	2.69	0.373	0.181	0.146	0.083	0.072	0.110	1
2	0.0478	0.0588	0.078E	0.224	3.56	2.26	0.392	0.163	0.214	0.095	0.104	0.120	2
3	0.0478	0.0568	0.068A	0.218	3.22	1.83	0.384	0.138	0.184	0.083	0.178	0.135	3
4	0.0478	0.0568	0.077	0.230	2.87	1.63	0.345	0.130	0.167	0.095	0.184	0.136	4
5	0.0488	0.0558	0.080	0.248	3.03	1.46	0.332	0.124	0.184	0.088	0.136	0.148	5
6	0.0508	0.0588	0.091	0.278	3.18	1.31	0.330	0.113	0.148	0.098	0.115	0.152	6
7	0.0528	0.0548	0.089	0.318	2.89	1.22	0.325	0.108	0.139	0.086	0.102	0.1478	7
8	0.0548	0.054E	0.094	0.340	2.44	1.11	0.317	0.108	0.134	0.092	0.084	0.1488	8
9	0.0568	0.054E	0.195	0.303	2.07	1.03	0.322	0.110	0.137	0.081	0.091	0.1448	9
10	0.0588	0.054E	0.318	0.293	2.03	0.955	0.294	0.117	0.170	0.082	0.092	0.1468	10
11	0.0588	0.054E	0.318	0.277	1.97	0.891	0.280	0.144	0.232	0.078	0.101	0.138	11
12	0.0578	0.053E	0.303	0.269	2.04	0.845	0.277	0.123	0.217	0.079	0.089	0.134	12
13	0.0568	0.052E	0.241	0.268	2.10	0.773	0.281	0.112	0.173	0.081	0.093	0.138	13
14	0.0548	0.052E	0.226	0.277	2.10	0.678	0.283	0.105	0.147A	0.088	0.102	0.136	14
15	0.0538	0.056E	0.213	0.308	2.85	0.674	0.282	0.102	0.129	0.086	0.116	0.138	15
16	0.0538	0.061E	0.201	0.388	3.18	0.610	0.287	0.101	0.127	0.079	0.247	0.1388	16
17	0.0528	0.065E	0.197	0.470	3.30	0.605	0.263	0.099	0.138	0.088	0.262	0.1338	17
18	0.0518	0.069E	0.203	0.504	3.09	0.597	0.248	0.098	0.138	0.096	0.180	0.1398	18
19	0.0518	0.073E	0.198	0.727	2.61	0.512	0.208	0.093	0.127	0.083	0.156	0.1328	19
20	0.0508	0.076E	0.195	0.859	3.28	0.584	0.168	0.092	0.119	0.081	0.153	0.1178	20
21	0.0508	0.078E	0.188	1.17	3.87	0.588	0.106	0.091	0.121	0.088	0.145	0.1138	21
22	0.0508	0.078E	0.168	1.22	5.72A	0.503	0.098	0.093	0.108	0.103	0.126	0.1078	22
23	0.0508	0.082E	0.189	1.74	5.25A	0.476	0.093	0.091	0.103	0.084	0.123	0.1048	23
24	0.0528	0.089E	0.179	2.89	5.28A	0.478	0.088	0.091	0.098	0.079	0.117	0.1038	24
25	0.0548	0.097E	0.178	2.75	3.60A	0.458	0.138	0.121	0.091	0.079	0.134	0.1018	25
26	0.0568	0.100E	0.179	1.98	3.60A	0.440	0.191	0.113	0.081	0.077	0.114	0.1018	26
27	0.0578	0.093E	0.188	1.68	3.68A	0.423	0.151	0.103	0.081	0.088	0.112	0.1028	27
28	0.0578	0.092E	0.185	1.68	3.85A	0.389	0.138	0.100	0.082	0.088	0.098	0.1038	28
29	0.0568		0.205	1.84	3.85A	0.350	0.118	0.100	0.079	0.071	0.082	0.1078	29
30	0.0538		0.208	2.72	3.40A	0.350	0.131	0.102	0.082	0.073	0.120	0.1148	30
31	0.0518		0.204		3.28		0.167	0.100		0.074		0.1198	31
TOTAL	1.880	1.871	5.546	25.885	101.01	27.098	7.364	3.421	4.087	2.830	3.836	3.893	TOTAL
MEAN	0.064	0.067	0.179	0.898	3.28	0.903	0.237	0.110	0.136	0.085	0.128	0.126	MEAN
MAX	0.087	0.100	0.318	2.89	5.72	2.69	0.392	0.181	0.232	0.103	0.262	0.152	MAX
MIN	0.047	0.052	0.068	0.218	1.97	0.390	0.088	0.091	0.079	0.088	0.072	0.101	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.519
MAXIMUM DAILY, 5.72A ON MAY 22
MINIMUM DAILY, 0.0478 ON JAN 1

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 21 58 N
LONG 119 30 13 W
DRAINAGE AREA, 52.8 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	145	JUL	635
FEB	162	AUG	206
MAR	478	SEP	351
APR	2 320	OCT	227
MAY	3 730	NOV	331
JUN	2 340	DEC	336

TOTAL DISCHARGE, 10 400 dam³

EXCHAMSIKS RIVER NEAR TERRACE - STATION NO. 08EE012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	6.940	6.900	11.2	16.8	84.0	84.0	95.7	86.4	43.9	48.8	31.6	7.29	1
2	6.880	6.700	10.2	16.2	87.6	80.1	90.4	89.7	86.9	34.8	32.1	6.700	2
3	6.820	6.550	9.37	16.1	80.3	86.4	88.1	86.4	85.3	80.8	42.8	6.100	3
4	6.760	6.400	8.80	16.4	91.6	82.8	88.1	83.7	106	86.4	41.9	5.700	4
5	6.700	6.300	7.81	34.3	92.6	83.9	87.1	82.0	85.3	83.2	39.3	6.400	5
6	6.640	6.23	7.24	61.6	92.4	90.9	90.5	87.2	94.9	83.0	33.4	5.100	6
7	6.580	6.22	7.12	32.3	91.7	95.0	83.0	95.0	89.9	35.0	30.6	4.900	7
8	6.900	6.25	7.05	24.2	98.7	90.3	80.0	87.7	83.7	29.6	19.2	4.700	8
9	6.500	6.05	7.05	20.3	94.2	87.7	84.2	90.2	82.5	25.4	16.2	4.550	9
10	6.000	5.87	7.25	18.0	97.0	98.0	100	90.5	28.6	22.9	14.6	4.450	10
11	7.600	6.76	7.42	16.6	94.2	92.4	86.6	90.5	28.1	19.7	15.3	4.350	11
12	7.350	8.28	8.30	15.1	98.4	94.6	72.7	94.0	38.7	20.5	17.9	4.250	12
13	7.200	12.0	10.5	14.4	95.8	91.1	97.5	84.0	56.6	19.1	14.5	4.150	13
14	7.000	13.2	12.8	15.2	91.6	98.7	97.3	90.4	44.8	16.3	13.0	4.050	14
15	6.650	13.8	13.2	18.0	80.0	75.9	91.1	75.0	59.1	13.9	13.9	4.000	15
16	7.350	12.8	14.9	21.3	98.7	89.1	93.5	137	90.6	17.3	23.2	3.950	16
17	6.900	11.0	14.2	21.8	99.0	91.5	97.7	96.4	34.5	23.6	21.6	3.900	17
18	7.300	10.2	14.5	28.4	99.8	98.3	98.9	92.9	25.4	30.3	17.9	3.850	18
19	8.400	9.43	14.4	28.8	94.3	94.2	98.9	185	21.3	46.5	18.1	3.800	19
20	9.700	9.15	14.0	24.9	128	93.6	96.7	97.7	93.0	89.4	13.6	3.750	20
21	8.350	8.77	14.0	25.7	78.1	94.9	94.0	93.4	42.9	82.6	11.9	3.710	21
22	9.000	8.67	13.9	27.3	81.8	97.1	91.9	97.5	38.8	89.2	11.1	3.670	22
23	8.750	12.2	11.8	29.8	97.8	99.0	92.8	93.0	32.3	91.6	10.9	3.630	23
24	8.500	18.4	11.0	93.1	80.1	85.5	92.7	90.2	181	93.8	10.5	3.590	24
25	8.200	18.8	10.5	98.7	83.1	73.9	90.9	89.0	493	117	9.82	3.550	25
26	8.000	14.3	9.99	97.3	91.5	98.9	99.3	89.9	288	91.5	9.70	3.520	26
27	7.750	13.4	10.6	92.3	91.9	94.1	98.9	103	76.9	90.3	9.43	3.490	27
28	7.500	12.7	11.5	98.4	78.4	93.7	98.8	85.7	45.7	95.8	9.07	3.460	28
29	7.350		11.5	95.0	108	90.7	95.2	84.8	34.9	99.1	8.47	3.430	29
30	7.200		13.3	92.7	131	93.7	91.8	90.8	30.2	98.9	7.94	3.400	30
31	7.050		16.5		104		101	98.2		94.4		3.370	31
TOTAL	222.84	275.31	340.89	924.0	1 993.8	1 732.6	1 791.3	2 043.0	2 312.0	1 482.3	536.73	133.76	TOTAL
MEAN	7.18	9.83	11.0	30.8	83.0	57.8	57.8	85.9	77.1	47.2	17.9	4.31	MEAN
MAX	9.70	18.4	16.5	98.0	131	88.5	101	185	493	117	42.8	7.29	MAX
MIN	4.84	5.87	7.05	14.4	34.2	40.9	38.8	42.0	21.3	13.9	7.94	3.37	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 37.6
MAXIMUM DAILY, 493 ON SEP 25
MINIMUM DAILY, 3.370 ON DEC 31
MAXIMUM INSTANTANEOUS,
568 AT 00:14 PST ON SEP 26

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 21 47 N
LONG 129 18 41 W
DRAINAGE AREA, 370 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	19 300	JUL	155 000
FEB	23 800	AUG	177 000
MAR	29 500	SEP	200 000
APR	79 800	OCT	128 000
MAY	169 000	NOV	46 400
JUN	150 000	DEC	11 600

TOTAL DISCHARGE, 1 190 000 dam³

FALLS CREEK ABOVE B.I.D. DIVERSION - STATION NO. 08NJ183

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.881	3.04	3.36	0.832	0.324	0.110E	---	---	---	1
2	---	---	---	0.787	3.14	4.13	0.861	0.314	0.177E	---	---	---	2
3	---	---	---	0.781	3.04	3.74 E	1.08	0.288	0.127E	---	---	---	3
4	---	---	---	0.783	3.20	3.35	0.821	0.421	0.124E	---	---	---	4
5	---	---	---	0.713	3.48	2.97	0.781	0.273	0.136E	---	---	---	5
6	---	---	---	0.787	4.02	2.32	1.00	0.241	0.120E	---	---	---	6
7	---	---	---	0.747	4.02	2.10	0.722	0.228	0.103E	---	---	---	7
8	---	---	---	0.868	4.86	2.07	0.868	0.220	0.100E	---	---	---	8
9	---	---	---	2.01	4.15	2.38	0.839	0.189	0.132E	---	---	---	9
10	---	---	---	1.91	2.38	2.28	0.884	0.188	0.130E	---	---	---	10
11	---	---	---	1.88	2.38	1.88	0.831	0.228	0.148E	---	---	---	11
12	---	---	---	0.835	2.07	1.79	0.887	0.232	0.130E	---	---	---	12
13	---	---	---	0.868	2.88	1.88	0.835	0.189	0.108E	---	---	---	13
14	---	---	---	0.727	2.83	1.47	1.06	0.171	0.119E	---	---	---	14
15	---	---	---	0.861	2.39	1.18	1.19	0.187	0.108E	---	---	---	15
16	---	---	---	1.00	2.39	2.81	1.13	0.148	0.097E	---	---	---	16
17	---	---	---	1.28	2.39	2.31	1.08	0.135	0.092E	---	---	---	17
18	---	---	---	1.88	3.03	1.80	0.835	0.123	0.088E	---	---	---	18
19	---	---	---	2.67	3.14	1.65	0.827	0.117E	0.085E	---	---	---	19
20	---	---	---	2.63	3.82	0.940	0.722	0.110E	0.084	---	---	---	20
21	---	---	---	3.05	4.15	0.838	0.634	0.103E	0.082E	---	---	---	21
22	---	---	---	3.82	4.58	0.827	0.563	0.092E	0.080E	---	---	---	22
23	---	---	---	4.38	4.88	0.840	0.484	0.088E	0.080E	---	---	---	23
24	---	---	---	5.08	5.70	1.00	0.450	0.180E	0.084E	---	---	---	24
25	---	---	---	5.80	5.47	0.898	0.434	0.288E	0.078E	---	---	---	25
26	---	---	---	3.82	5.45	0.902	0.777	0.250E	0.078E	---	---	---	26
27	---	---	---	3.33	5.51	0.747	0.747	0.200E	0.074E	---	---	---	27
28	---	---	---	3.20	5.58	0.727	0.656	0.140E	0.074E	---	---	---	28
29	---		---	2.37	5.72	0.683	0.443	0.110E	0.073E	---	---	---	29
30	---		---	2.83	5.16	0.634	0.419	0.101E	0.072E	---	---	---	30
31	---		0.772		4.88		0.372	0.097E		---		---	31
TOTAL	---	---	---	82.898	120.90	57.844	22.973	5.880	3.083	---	---	---	TOTAL
MEAN	---	---	---	2.10	3.90	1.92	0.741	0.190	0.103	---	---	---	MEAN
MAX	---	---	---	5.80	5.72	8.28	1.19	0.421	0.177	---	---	---	MAX
MIN	---	---	---	0.713	2.07	0.634	0.372	0.082	0.072	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 8.80 ON APR 25

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 25 14 N
LONG 117 25 52 W
DRAINAGE AREA, 32.6 km²

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 880
FEB	---	AUG	606
MAR	---	SEP	298
APR	8 430	OCT	---
MAY	10 400	NOV	---
JUN	4 970	DEC	---

FANTAIL LAKE NEAR ATLIN - STATION NO. 09AA015

DAILY WATER LEVEL IN METRES FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.402	---	---	---	0.885E	---	1.704	1.630	1.414	0.936	---	---	1
2	0.395	---	---	---	0.897A	---	1.727	1.586	1.405	0.953	---	---	2
3	0.392	---	---	---	0.708	---	1.712	1.551	1.544	0.958	---	---	3
4	0.388	---	---	---	0.712	---	1.730	1.556	1.567	0.977	---	---	4
5	---	---	---	---	0.701	---	1.781	1.575	1.511	0.984	---	---	5
6	---	---	---	---	0.690	---	1.743	1.581	1.424	0.937A	---	---	6
7	---	---	---	---	0.686	---	1.688	1.551	1.328	0.912A	---	---	7
8	---	---	---	---	0.688	---	1.659	1.536	1.239	0.890A	---	---	8
9	---	---	---	---	0.710	---	1.619	1.561	1.171	0.850A	---	---	9
10	---	0.640A	---	---	0.788	---	1.584	1.618	1.117	0.830A	---	---	10
11	---	---	---	---	0.783	---	1.552	1.651	1.076	0.820A	---	---	11
12	---	---	---	---	0.807	---	1.505	1.632	1.045	0.815A	---	---	12
13	---	---	---	---	0.798	---	1.463	1.596	1.031	---	---	---	13
14	---	---	---	---	0.773	---	1.414	1.555	1.018	---	---	---	14
15	---	---	---	---	---	---	1.427	1.529	1.008	---	---	---	15
16	---	---	---	---	---	---	1.480	1.490	0.988	---	---	---	16
17	---	---	---	---	---	---	1.517	1.424	0.985	---	---	---	17
18	---	---	---	---	---	---	1.575	1.358	0.960	---	---	---	18
19	---	---	---	---	---	---	1.586	1.317	0.910	---	---	---	19
20	---	---	---	---	---	---	1.572	1.294	0.891	---	---	---	20
21	---	---	---	---	---	---	1.556	1.308	0.938	---	---	---	21
22	---	---	---	---	---	---	1.562	1.385	1.042	---	---	---	22
23	---	---	---	---	---	---	1.557	1.479	1.112	---	---	---	23
24	---	---	---	---	---	---	1.537	1.510	1.139	---	---	---	24
25	---	---	---	---	---	---	1.533	1.506	1.122	---	---	---	25
26	---	---	---	---	---	---	1.542	1.479	1.078	---	---	---	26
27	---	---	---	---	---	1.621A	1.578	1.454	1.025	---	---	---	27
28	---	---	---	---	---	1.812	1.628	1.388	0.985	---	---	---	28
29	---		---	---	---	1.781	1.651	1.375	0.950	---	---	---	29
30	---		---	---	---	1.707	1.645	1.391	0.923	---	---	---	30
31	---		---		---		1.636	1.415		---		---	31
MEAN	---	---	---	---	---	---	1.593	1.493	1.132	---	---	---	MEAN
MAX	---	---	---	---	---	---	1.781	1.651	1.587	---	---	---	MAX
MIN	---	---	---	---	---	---	1.414	1.294	0.891	---	---	---	MIN

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 59 35 39 N
LONG 134 24 03 W

A - MANUAL GAUGE
E - ESTIMATED
NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

FANTAIL RIVER AT OUTLET OF FANTAIL LAKE - STATION NO 09AA014

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.22	1.758	1.17 B	1.03 B	4.60B	47.0E	75.9	87.0	44.3	15.0	6.80B	2.88B	1
2	4.18	1.748	1.15 B	1.03 B	5.35B	52.0E	78.8	81.7	48.2	15.6	6.50B	2.70B	2
3	4.17	1.748	1.12 B	1.01 B	7.70B	55.0E	77.0	57.9	57.1	16.2	6.25B	2.72B	3
4	4.15	1.718	1.09 B	1.00 B	8.31	56.0E	79.2	58.4	58.6	15.6	6.00B	2.68B	4
5	4.06B	1.678	1.05 B	0.980B	8.03	54.0E	83.1	60.5	53.8	15.1	5.90B	2.57B	5
6	3.95B	1.50B	1.04 B	0.970B	7.82	52.0E	80.9	61.1	46.3	15.0 A	5.70B	2.46B	6
7	3.80B	1.48B	1.04 B	0.970B	7.73	50.0E	74.0	57.9	37.1	14.0 A	5.50B	2.28B	7
8	3.90B	1.42B	1.05 B	0.980B	7.77	48.0E	70.4	56.5	30.6	13.2 A	5.20B	2.20B	8
9	3.15B	1.39B	1.06 B	0.950B	8.28	46.5E	65.6	59.0	28.2	12.0 A	5.05B	2.10B	9
10	3.00B	1.38B	1.07 B	0.945B	9.40	44.2E	61.5	65.3	23.0	11.4 A	5.00B	2.00B	10
11	2.90B	1.35B	1.08 B	0.955B	10.3	43.0E	57.9	69.5	20.9	11.1 A	4.90B	1.95B	11
12	2.83B	1.35B	1.08 B	0.980B	10.7	41.0E	52.4	67.2	18.5	11.0 A	4.80B	1.92B	12
13	2.80B	1.35B	1.07 B	0.965B	10.4	39.5E	47.0	63.1	16.9	10.6 E	4.70B	1.95B	13
14	2.78B	1.34B	1.06 B	0.980B	9.84	38.5E	44.3	58.3	16.3	10.7 E	4.65B	1.99B	14
15	2.78B	1.33B	1.05 B	1.02 B	10.0 E	37.0E	45.8	56.4	17.8	10.6 E	4.40B	2.01B	15
16	2.73B	1.28B	1.07 B	1.08 B	10.2 E	38.0E	48.8	51.3	17.0	10.5 E	4.20B	2.00B	16
17	2.71B	1.24B	1.06 B	1.11 B	10.1 E	42.0E	54.2	48.3	16.1	10.3 E	4.10B	1.98B	17
18	2.70B	1.22B	1.06 B	1.14 B	10.0 E	46.0E	60.6	39.6	15.1	10.1 E	3.95B	1.95B	18
19	2.67B	1.20B	1.08 B	1.20 B	10.2 E	49.0E	61.8	36.3	13.9	9.80E	3.80B	1.97B	19
20	2.62B	1.18B	1.06 B	1.25 B	11.0 E	53.0E	60.1	34.5	13.2	9.48E	3.70B	1.95B	20
21	2.59B	1.20B	1.03 B	1.32 B	12.8 E	56.0E	58.4	35.4	15.0	8.90E	3.60B	1.89B	21
22	2.55B	1.21B	1.02 B	1.40 B	15.5 E	62.0E	58.0	42.0	19.4	8.40E	3.50B	1.80B	22
23	2.46B	1.21B	1.01 B	1.50 B	17.5 E	66.0E	58.5	50.2	22.7	7.60E	3.40B	1.72B	23
24	2.35B	1.22B	1.00 B	1.70 B	20.0 E	73.0E	58.3	52.4	24.3	7.50E	3.25B	1.70B	24
25	2.05B	1.22B	0.990B	1.85 B	22.2 E	79.0E	55.8	52.9	23.3	7.30E	3.20B	1.69B	25
26	1.98B	1.20B	0.980B	2.05 B	24.0 E	86.0E	56.8	50.3	21.0	7.10E	3.10B	1.70B	26
27	1.88B	1.20B	0.978B	2.25 B	27.5 E	81.0A	61.0	46.1	18.8	6.85E	3.00B	1.69B	27
28	1.88B	1.18B	0.960B	2.80 B	31.5 E	89.8	58.7	43.0	16.9	6.90B	2.92B	1.65B	28
29	1.62B		0.990B	3.20 B	36.0 E	83.1	59.4	41.0	15.8	6.85B	2.84B	1.58B	29
30	1.70B		1.00 B	3.60 B	39.0 E	78.3	58.7	42.4	14.4	6.80B	2.70B	1.52B	30
31	1.76B		1.02 B		44.0 E		57.7	44.5		6.70B		1.53B	31
TOTAL	88.81	38.17	32.84B	42.18B	488.70	1 897.8	1 958.7	1 839.0	788.8	330.45	132.34	62.90	TOTAL
MEAN	2.86	1.36	1.05	1.41	15.1	66.6	63.1	59.5	26.2	10.7	4.41	2.02	MEAN
MAX	4.22	1.76	1.17	3.60	44.0	91.0	83.1	69.5	58.6	15.6	6.80	2.72	MAX
MIN	1.76	1.18	0.97B	0.94B	4.80	37.0	44.3	34.5	13.2	6.70	2.70	1.52	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 19.9
MAXIMUM DAILY, 91.0A ON JUN 27
MINIMUM DAILY, 0.94SB ON APR 10

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 59 35 40 N
LONG 134 23 25 W
DRAINAGE AREA, 717 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	7 880	JUL	169 000
FEB	3 300	AUG	141 000
MAR	2 810	SEP	68 000
APR	3 640	OCT	28 600
MAY	40 300	NOV	11 400
JUN	167 000	DEC	5 400

TOTAL DISCHARGE, 628 000 dam³

PAWN CREEK NEAR ALBERNI - STATION NO. 08HB072

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.168	0.181	0.287	0.159	0.032	0.020	---	0.106	---	1
2	---	---	---	0.165	0.189	0.264	0.175	0.034	0.020	---	---	---	2
3	---	---	---	0.135	0.172	0.199	0.122	0.034	0.016	---	---	---	3
4	---	---	---	0.127	0.185	0.183	0.114	0.032	0.017	---	---	---	4
5	---	---	---	0.113	0.148	0.171	0.111	0.032	0.020	0.016	---	---	5
6	---	---	---	0.113	0.135	0.183	0.105	0.032	0.022	---	---	---	6
7	---	---	---	0.113	0.135	0.287	0.101	0.023	0.023	---	---	---	7
8	---	---	---	0.108	0.131	0.271	0.095	0.023	0.025	---	---	---	8
9	---	---	---	0.109	0.120	0.576	0.095	0.023	0.026	---	---	---	9
10	---	---	---	0.109	0.113	0.384	0.092	0.023	0.025	---	---	---	10
11	---	---	---	0.103	0.108	0.241	0.522	0.021	0.025	---	---	---	11
12	---	---	---	0.097	0.097	0.178	0.374	0.021	0.023	---	---	---	12
13	---	---	---	0.094	0.094	0.167	0.215	0.020	0.022	---	---	---	13
14	---	---	---	0.094	0.148	0.156	0.167	0.020	0.020	---	---	---	14
15	---	---	---	0.091	0.142	0.183	0.137	0.020	0.020	---	---	---	15
16	---	---	---	0.082	0.127	0.187	0.118	0.018	0.022	---	---	---	16
17	---	---	---	0.080	0.125	0.384	0.108	0.018	0.026	---	---	---	17
18	---	---	---	0.077	0.129	0.187	0.095	0.015	0.026	---	---	---	18
19	---	---	---	0.077	0.144	0.224	0.087	0.015	0.026	---	---	---	19
20	---	---	---	0.094	0.144	0.187	0.081	0.015	0.024	---	---	---	20
21	---	---	0.148	0.108	0.311	0.187	0.078	0.015	0.024	---	---	---	21
22	---	---	---	0.113	0.271	0.404	0.073	0.014	0.024	---	---	---	22
23	---	---	---	0.113	0.384	0.195	0.071	0.013	0.024	---	---	---	23
24	---	---	---	0.120	0.695	0.183	0.084	0.013	0.024	---	---	---	24
25	---	---	---	0.135	0.409	0.187	0.053	0.012	0.024	---	---	---	25
26	---	---	---	0.148	0.228	0.156	0.051	0.011	0.024	---	---	---	26
27	---	---	---	0.150	0.224	0.140	0.047	0.010	0.022	---	---	---	27
28	---	---	---	0.150	0.594	0.128	0.045	0.020	0.021	---	---	---	28
29	---		---	0.150	0.636	0.125	0.042	0.025	0.020	---	---	---	29
30	---		---	0.150	0.576	0.125	0.038	0.018	0.020	---	---	---	30
31	---		---		0.330		0.034	0.018		---	---	---	31
TOTAL	---	---	---	3.487	7.401	6.585	3.873	0.632	0.673	---	---	---	TOTAL
MEAN	---	---	---	0.116	0.239	0.219	0.118	0.020	0.022	---	---	---	MEAN
MAX	---	---	---	0.168	0.695	0.576	0.522	0.034	0.026	---	---	---	MAX
MIN	---	---	---	0.077	0.094	0.125	0.034	0.010	0.016	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 0.010 ON AUG 27

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 20 25 N
LONG 124 54 34 W

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	317
FEB	---	AUG	54.6
MAR	---	SEP	56.1
APR	301	OCT	---
MAY	639	NOV	---
JUN	567	DEC	---

FELL CREEK NEAR NELSON - STATION NO 08NJ128

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.020	0.022	0.038	0.057	0.184	0.502	0.112	0.054	0.035	0.033	0.038	0.035	1
2	0.019	0.022	0.038	0.061	0.204	0.508	0.108	0.052	0.037	0.033	0.436	0.033	2
3	0.018	0.022	0.052	0.057	0.188	0.436	0.097	0.048	0.033	0.032	0.188	0.032	3
4	0.019	0.020	0.055	0.055	0.208	0.423	0.085	0.050	0.032	0.033	0.078	0.031	4
5	0.021	0.021	0.049	0.057	0.214	0.388	0.092	0.047	0.034	0.031	0.054	0.030	5
6	0.021	0.021	0.048	0.058	0.202	0.344	0.101	0.042	0.029	0.021	0.052	0.031	6
7	0.021	0.020	0.049	0.070	0.223	0.318	0.104	0.041	0.028	0.021	0.045	0.028	7
8	0.025	0.020	0.051	0.059	0.211	0.310	0.108	0.040	0.027	0.020	0.045	0.030	8
9	0.021	0.020	0.054	0.058	0.181	0.276	0.093	0.039	0.033	0.020	0.043	0.030	9
10	0.023	0.019	0.105	0.057	0.174	0.301	0.084	0.048	0.032	0.018	0.043	0.031	10
11	0.025	0.019	0.084	0.055	0.188	0.280	0.088	0.048	0.037	0.018	0.081	0.030	11
12	0.024	0.033	0.082	0.052	0.188	0.228	0.092	0.043	0.034	0.018	0.050	0.030	12
13	0.024E	0.027	0.068	0.055	0.187	0.204	0.135	0.041	0.030	0.017	0.047	0.028	13
14	0.023	0.027	0.080	0.058	0.170	0.184	0.118	0.038	0.033	0.018	0.044	0.028	14
15	0.021	0.027	0.078	0.053	0.172	0.220	0.103	0.034	0.031	0.017	0.048	0.028	15
16	0.021	0.027	0.078	0.081	0.204	0.180	0.086	0.033	0.030	0.017	0.054	0.027	16
17	0.021	0.030	0.070	0.070	0.201	0.205	0.088	0.029	0.028	0.018	0.055	0.028	17
18	0.022	0.031	0.069	0.068	0.204	0.177	0.082	0.028	0.027	0.020	0.052	0.026	18
19	0.020	0.030	0.064	0.103	0.199	0.188	0.078	0.027	0.028	0.018	0.048	0.028	19
20	0.020	0.030	0.081	0.122	0.188	0.189	0.098	0.027	0.028	0.021	0.047	0.024	20
21	0.018	0.030	0.068	0.188	0.228	0.147	0.078	0.028	0.026	0.018	0.048	0.023	21
22	0.021	0.029	0.058	0.206	0.257	0.135	0.073	0.028	0.026	0.039	0.043	0.022	22
23	0.018	0.033	0.056	0.232	0.308	0.158	0.080	0.028	0.023	0.031	0.043	0.022	23
24	0.020	0.036	0.054	0.335	0.322	0.139	0.068	0.048	0.023	0.028	0.042	0.020	24
25	0.030	0.039	0.053	0.294	0.472	0.130	0.074	0.058	0.023	0.026	0.043	0.021	25
26	0.021	0.036	0.051	0.252	0.418	0.128	0.085	0.052	0.021	0.024	0.042	0.022	26
27	0.025	0.037	0.051	0.229	0.438	0.111	0.078	0.038	0.021	0.023	0.041	0.023	27
28	0.027	0.038	0.055	0.208	0.533	0.104	0.078	0.038	0.021	0.021	0.042	0.021	28
29	0.024		0.057	0.182	0.543	0.108	0.088	0.031	0.021	0.021	0.040	0.021	29
30	0.023		0.061	0.187	0.537	0.110	0.068	0.026	0.020	0.026	0.035	0.021	30
31	0.023		0.056		0.483		0.059	0.027		0.028		0.021	31
TOTAL	0.671	0.758	1.933	3.887	8.380	7.052	2.748	1.202	0.844	0.877	1.489	0.821	TOTAL
MEAN	0.022	0.027	0.062	0.125	0.270	0.235	0.089	0.039	0.028	0.022	0.050	0.026	MEAN
MAX	0.027	0.039	0.105	0.335	0.543	0.508	0.135	0.058	0.037	0.039	0.155	0.035	MAX
MIN	0.018	0.019	0.038	0.052	0.167	0.104	0.059	0.025	0.020	0.017	0.028	0.020	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.083
MAXIMUM DAILY, 0.543 ON MAY 29
MINIMUM DAILY, 0.017 ON OCT 13

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 30 12 N
LONG 117 15 37 W
DRAINAGE AREA, 4.60 km²

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	58.0	JUL	237
FEB	68.4	AUG	104
MAR	187	SEP	72.9
APR	310	OCT	58.6
MAY	724	NOV	130
JUN	609	DEC	70.8

TOTAL DISCHARGE, 2 820 dam³

FINLAY RIVER ABOVE AKIE RIVER - STATION NO. 07EA005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	54.0B	45.8B	35.5B	32.1B	125	1 280	602E	450E	275	231	116 E	72.5B	1
2	53.5B	45.5B	34.8B	32.1B	129	1 330	642E	440E	270	223E	128 E	71.0B	2
3	53.0B	45.2B	34.2B	32.2B	129	1 210	700E	432A	285	217E	133 E	70.0B	3
4	52.0B	44.8B	33.8B	32.4B	128	1 110	742E	416	282	211E	129 E	69.0B	4
5	51.5B	44.2B	33.3B	32.6B	127	983	725E	390	282	207E	124 E	68.5B	5
6	51.0B	44.1B	32.9B	32.8B	131	885	700E	388A	353	203E	119 E	67.5B	6
7	50.4B	44.0B	32.4B	32.9B	142	780	678E	368E	341	200E	121 E	66.5B	7
8	50.4B	43.9B	32.0B	33.0B	159	717	655E	335E	334	185E	121 E	66.0B	8
9	50.4B	43.8B	31.9B	33.5B	171	692	620E	315E	320	180E	115 B	65.5B	9
10	50.4B	43.7B	31.8B	34.2B	176	736	590E	302E	301	180E	110 B	64.5B	10
11	50.4B	43.5B	31.5B	35.4B	183	783	550E	300E	284	173E	99.0B	64.0B	11
12	50.2B	43.4B	31.4B	37.2B	194	822	515E	312E	270	167E	95.2B	63.0B	12
13	50.1B	43.0B	31.2B	39.5B	211	816	485E	300E	260	162E	93.5B	62.3B	13
14	50.1B	42.8B	31.0B	42.0B	230	782	460E	288E	257	158E	93.5B	60.1B	14
15	50.0B	42.5B	30.9B	44.5B	264	744	438E	280E	256	150E	95.0B	58.7B	15
16	49.8B	42.1B	31.0B	48.5B	238	747	420E	284E	250	148E	98.0B	58.0B	16
17	49.5B	41.8B	31.2B	53.8B	324	708	400E	350E	242	142E	98.0B	57.5B	17
18	48.2B	41.2B	31.3B	59.0B	333	672	385E	405E	234	140E	96.5B	56.5B	18
19	45.0B	40.5B	31.4B	63.0B	315	708	370E	390E	226	139E	93.0B	56.0B	19
20	48.7B	40.4B	31.5B	75.0B	327	785	380E	417E	219	139E	91.0B	55.5B	20
21	48.5B	40.0B	31.7B	83.0B	384	813	400E	418E	217	141E	88.5B	55.0B	21
22	48.1B	39.5B	31.6B	89.0B	395	781	425E	400E	213	142E	86.0B	54.5B	22
23	48.9B	39.2B	31.9B	93.5B	397	784	410E	381E	211	140E	84.5B	54.0B	23
24	47.8B	38.5B	32.0B	95.7	408	777	395E	364E	210	140E	83.0B	53.5B	24
25	47.7B	38.0B	32.1B	98.3	410	748	385E	350E	212	147A	81.0B	53.2B	25
26	47.5B	37.5B	32.1B	97.5	414	712A	380E	333E	229	138E	78.5B	53.1B	26
27	47.2B	37.0B	32.1B	98.5	395	678E	430E	317A	259	132E	76.5B	53.0B	27
28	47.0B	36.5B	32.1B	104	382	630E	510E	303	254	130E	77.0B	53.0B	28
29	46.5B		32.1B	112	448	800E	500E	291	242	129E	76.5B	53.0B	29
30	46.3B		32.1B	121	695	822E	480E	283	234	128E	73.5B	53.0B	30
31	46.2B		32.1B		1 020		460E	278		122E		52.5B	31
TOTAL	1 534.6	1 172.3	997.1	1 823.3	9 422	24 405	15 812	10 845	7 972	5 070	2 977.7	1 880.5	TOTAL
MEAN	49.5	41.9	32.2	60.8	304	814	510	350	288	164	99.3	60.0	MEAN
MAX	54.0	45.8	35.5	121	1 020	1 330	742	450	342	231	133	72.5	MAX
MIN	46.2	36.5	30.9	32.1	125	800	360	278	210	122	73.5	52.5	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 230
MAXIMUM DAILY, 1 330 ON JUN 2
MINIMUM DAILY, 30.9B ON MAR 15
MAXIMUM INSTANTANEOUS,
1 350 AT 08:54 PST ON JUN 2

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 57 07 40 N
LONG 125 15 00 W
DRAINAGE AREA, 19 000 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	133 000	JUL	1 370 000
FEB	101 000	AUG	837 000
MAR	86 100	SEP	689 000
APR	156 000	OCT	438 000
MAY	814 000	NOV	257 000
JUN	2 110 000	DEC	161 000

TOTAL DISCHARGE, 7 250 000 dam³

FINLAY RIVER AT WARE - STATION NO. 07EA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	39.5B	34.2B	28.5B	28.4B	84.2E	1 030E	515	319	183E	192 E	95.0E	89.3B	1
2	38.7B	33.9B	28.2B	28.7B	85.6E	1 100E	580	310	180E	178 E	101 E	88.3B	2
3	38.3B	33.7B	27.9B	29.0B	85.6A	1 010E	598	303A	178E	174 E	107 E	87.0B	3
4	38.1B	33.4B	27.7B	29.2B	86.1	893E	613	289A	178E	171 E	105 E	86.0B	4
5	37.9B	33.2B	27.4B	29.5B	89.5	780E	610	268A	178E	167 E	99.5E	84.5B	5
6	37.6B	33.0B	27.3B	30.0B	103	894	590	254A	180E	163 E	95.0E	84.5B	6
7	37.6B	32.9B	27.0B	30.3B	116	832	585E	248A	182E	160 E	95.6E	84.1B	7
8	37.5B	32.7B	26.8B	30.7B	135	882	550	235A	187E	158 E	95.5E	83.6B	8
9	37.4B	32.4B	26.7B	31.0B	149	830	520	217A	189E	152 E	90.0E	83.5B	9
10	37.3B	32.2B	26.6B	31.6B	183	958E	478	209A	190E	144 E	84.0B	83.0B	10
11	37.2B	32.0B	26.4B	31.8B	185	887	456	205A	178E	140 E	80.0B	82.2B	11
12	37.2B	31.8B	26.2B	32.4B	180	705	415	213A	170E	148 E	77.0B	81.0B	12
13	37.2B	31.7B	26.1B	33.2B	189	693	387	207A	188E	131 E	75.0B	80.0B	13
14	37.2B	31.5B	26.1B	34.2B	226	855	385	201A	189E	128 E	76.0B	48.8B	14
15	37.2B	31.6B	26.1B	36.0B	249	631	344	195A	170E	122 E	77.5B	48.0B	15
16	37.1B	31.4B	26.2B	36.5B	282	844	334	193E	167E	118 E	78.5B	47.0B	16
17	37.0B	31.3B	26.3B	38.0B	309	810	317	217E	162E	115 E	79.0B	46.2B	17
18	36.9B	31.1B	26.5B	40.0B	305	818	295	288E	158E	113 E	78.0B	45.8B	18
19	36.6B	30.9B	26.6B	42.2B	283	908E	282	283E	155E	112 E	76.5B	45.0B	19
20	36.5B	30.6B	26.7B	44.5B	320	899	254	267E	152E	112 E	76.0B	44.5B	20
21	35.3B	30.5B	26.8B	47.8B	362	744	281	283E	148E	113 E	72.5B	44.2B	21
22	35.1B	30.3B	26.9B	50.0B	363	739	298	265E	146E	115 E	70.5B	44.0B	22
23	35.9B	30.1B	27.0B	52.6B	385	722	284	244E	148E	117 E	68.5B	43.9B	23
24	35.7B	30.0B	27.2B	54.2E	368	714	278	231E	148E	118 E	66.7B	43.6B	24
25	35.5B	29.9B	27.4B	56.5E	370	708	267	220E	146E	112 A	65.3B	43.7B	25
26	35.3B	29.6B	27.6B	62.0E	371	638	254E	212E	189E	109 E	64.2B	43.5B	26
27	35.1B	29.3B	27.8B	72.0E	349	804	318	205E	187E	107 E	63.5B	43.4B	27
28	34.9B	28.9B	28.0B	80.0E	341	581	358	198E	242E	104 E	62.5B	43.3B	28
29	34.8B		28.1B	87.0E	414	508	338	193E	230E	103 E	61.3B	42.8B	29
30	34.6B		28.2B	91.0E	526	530	336	188E	210E	101 E	60.3B	42.5B	30
31	34.4B		28.3B		553		322	188E		98.5E		42.3B	31
TOTAL	1 138.6	884.2	840.5	1 319.5	8 442.4	20 832	12 363	7 326	5 233	4 089.5	2 397.6	1 810.3	TOTAL
MEAN	36.7	31.6	27.1	44.0	272	888	399	236	174	132	79.9	48.7	MEAN
MAX	39.5	34.2	28.5	91.0	553	1 100	613	319	242	192	107	89.3	MAX
MIN	34.4	28.9	26.1	28.4	84.2	508	254	188	144	98.5	60.3	42.2	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 181
MAXIMUM DAILY, 1 100E ON JUN 2
MINIMUM DAILY, 26.1B ON MAR 13
MAXIMUM INSTANTANEOUS,
1 110E AT 08:10 PST ON JUN 2

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 57 26 15 N
LONG 125 37 35 W
DRAINAGE AREA, 11 100 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	88 400	JUL	1 070 000
FEB	76 400	AUG	633 000
MAR	72 600	SEP	452 000
APR	114 000	OCT	353 000
MAY	728 000	NOV	207 000
JUN	1 780 000	DEC	130 000

TOTAL DISCHARGE, 5 720 000 dam³

FISHER CREEK AT WEST BOUNDARY D.L. 3599 - STATION NO. 08LD009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.171	0.840	1.30	0.319	0.201	0.047	0.025E	---	---	1
2	---	---	---	0.171	0.820	0.902	0.347	0.122	0.125	0.024E	---	---	2
3	---	---	---	0.171	1.08	0.837	0.319	0.108	0.132	0.023	---	---	3
4	---	---	---	0.171	1.20	0.479	0.286	0.095	0.108	---	---	---	4
5	---	---	---	0.161	1.20	0.416	0.224	0.078	0.090	---	---	---	5
6	---	---	---	0.161	1.08	0.380	0.201	0.075	0.071	---	---	---	6
7	---	---	---	0.191	1.36	0.278	0.224	0.071	0.088	---	---	---	7
8	---	---	---	0.191	1.20	0.195	0.201	0.071	0.088	---	---	---	8
9	---	---	---	0.181	1.20	0.158	0.987	0.082	0.058	---	---	---	9
10	---	---	---	0.166	1.08	0.174	0.831	0.058	0.055	---	---	---	10
11	---	---	---	0.181	0.920	0.174	0.637	0.068	0.075	---	---	---	11
12	---	---	---	0.148	0.800	0.150	1.80	0.078	0.075	---	---	---	12
13	---	---	---	0.117	0.710	0.128	1.30	0.075	0.084	---	---	---	13
14	---	---	---	0.104	0.710	0.122	0.804	0.058	0.098	---	---	---	14
15	---	---	---	0.119	0.770	0.116	0.804	0.052	0.068	---	---	---	15
16	---	---	---	0.125	0.820	0.128	0.874	0.048	0.064	---	---	---	16
17	---	---	---	0.151	1.08	0.281	0.587	0.048	0.058	---	---	---	17
18	---	---	---	0.214	1.08	0.224	0.500	0.045	0.058	---	---	---	18
19	---	---	---	0.250	1.00	0.201	0.286	0.042	0.052	---	---	---	19
20	---	---	---	0.452	1.08	0.347	0.319	0.032	0.048	---	---	---	20
21	---	---	---	0.840	1.80	0.302	0.286	0.030	0.048	---	---	---	21
22	---	---	---	0.920	1.56	0.253	0.224	0.028	0.042	---	---	---	22
23	---	---	---	0.920	1.80	0.388	0.174	0.025E	0.042	---	---	---	23
24	---	---	---	0.770	2.08	0.347	0.174	0.024E	0.038	---	---	---	24
25	---	---	---	0.920	2.08	0.253	0.162	0.025E	0.037	---	---	---	25
26	---	---	---	1.00	2.17	0.201	0.178	0.028	0.032	---	---	---	26
27	---	---	---	0.920	2.00	0.178	0.162	0.040	0.032	---	---	---	27
28	---	---	---	0.840	2.08	0.170	0.154	0.035	0.030	---	---	---	28
29	---		---	0.770	2.08	0.158	0.138	0.032	0.030	---	---	---	29
30	---		0.158	0.770	2.28	0.402	0.132	0.035	0.028	---	---	---	30
31	---		0.184E		1.89		0.119	0.030		---		---	31
TOTAL	---	---	---	12.242	41.570	9.802	13.439	1.813	1.851	---	---	---	TOTAL
MEAN	---	---	---	0.408	1.34	0.320	0.434	0.058	0.062	---	---	---	MEAN
MAX	---	---	---	1.00	2.28	1.30	1.80	0.201	0.132	---	---	---	MAX
MIN	---	---	---	0.104	0.710	0.116	0.119	0.024	0.028	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 2.28 ON MAY 30

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 25 32 N
LONG 118 28 04 W
DRAINAGE AREA, 14.7 km²

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 180
FEB	---	AUG	157
MAR	---	SEP	160
APR	1 080	OCT	---
MAY	3 590	NOV	---
JUN	830	DEC	---

FISHTRAP CREEK NEAR MCLURE - STATION NO. 08LB024

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.182B	0.187	0.229	0.704	7.75E	2.09	1.04	0.387	0.226	0.204	0.264	0.325	1
2	0.179B	0.184	0.227	0.737	7.80E	1.94	1.27	0.371	0.462	0.203	0.331	0.335	2
3	0.167B	0.176B	0.223	0.736	7.95E	1.97	1.34	0.369	0.410	0.204	0.452	0.376	3
4	0.195	0.149B	0.218	0.752	7.93E	1.79	1.22	0.355	0.345E	0.205	0.494	0.351	4
5	0.201	0.180B	0.214	0.879	7.80E	1.83	1.09	0.351	0.330E	0.207	0.444	0.355	5
6	0.201	0.158B	0.218	0.855	7.70E	1.51	0.978	0.335	0.326E	0.201	0.411	0.338	6
7	0.200	0.170B	0.223	0.893	7.25E	1.41	0.916	0.323	0.343E	0.194	0.373	0.310	7
8	0.198	0.172	0.234	1.01	6.60E	1.28	0.894	0.355	0.381E	0.190	0.347	0.313	8
9	0.194	0.170	0.276	1.02	6.30E	1.18	0.874	0.385	0.382E	0.241	0.332	0.308	9
10	0.202	0.173	0.348	1.01	6.08A	1.12	0.818	0.403	0.397E	0.218	0.328	0.313	10
11	0.205	0.181	0.391	0.990	5.89	1.10	0.786	0.447	0.428E	0.190	0.362	0.307	11
12	0.205	0.198	0.410	0.958	5.81	1.18	0.767	0.442	0.478E	0.180	0.375	0.304	12
13	0.202	0.208	0.422	0.930	5.53	1.18	0.723	0.423	0.459E	0.173	0.371	0.305	13
14	0.198	0.201	0.430	0.924	5.32	1.08	0.723	0.401	0.427A	0.185	0.384	0.300	14
15	0.191B	0.198	0.428	0.982	5.09	1.14	0.788	0.380E	0.391	0.187	0.401	0.294	15
16	0.185B	0.198	0.434	1.07 A	5.32	1.34	0.777	0.354E	0.378	0.185	0.458	0.289	16
17	0.187	0.207	0.444	1.27 E	5.52	1.28	0.727	0.334E	0.362	0.197	0.556	0.286	17
18	0.185	0.210	0.453	1.61 E	6.04	1.24	0.697	0.313E	0.367	0.208	0.550	0.270	18
19	0.187	0.204	0.477	1.86 E	5.48	1.20	0.637	0.285E	0.338	0.216	0.513	0.285	19
20	0.188	0.201	0.488	2.32 A	5.29	1.37	0.598	0.284E	0.307	0.218	0.491E	0.282	20
21	0.188	0.198	0.488	2.83 A	5.23	1.51	0.590	0.272E	0.287	0.223	0.472E	0.2618	21
22	0.185	0.202	0.489	3.38 E	4.99	1.30	0.581	0.269A	0.286	0.244	0.409E	0.2588	22
23	0.180B	0.209	0.488	4.03 E	4.74	1.28	0.534	0.193	0.276	0.250	0.428E	0.2518	23
24	0.182	0.227	0.490	4.40 E	4.53	1.37	0.513	0.190	0.288	0.238	0.400E	0.2428	24
25	0.183	0.240	0.492	5.01 E	4.20	1.31	0.492	0.198	0.254	0.250	0.448	0.2388	25
26	0.180	0.238	0.500	5.10 E	3.84	1.20	0.555	0.188	0.240	0.270	0.476	0.2308	26
27	0.202	0.237	0.536	5.60 E	3.37	1.11	0.524	0.182	0.229	0.268	0.458	0.2228	27
28	0.202	0.233	0.553	5.95 E	2.99	1.03	0.483	0.178	0.220	0.268	0.439	0.2218	28
29	0.194		0.586	7.30 E	2.71	0.988	0.448	0.181	0.214	0.285	0.415	0.2248	29
30	0.182		0.652	7.55 E	2.48	1.08	0.428	0.180	0.208	0.249	0.378	0.2298	30
31	0.180		0.677		2.28		0.405	0.178		0.255		0.2318	31
TOTAL	5.868	5.488	12.748	75.850	169.77	40.138	23.160	9.334	10 025	6.822	12.925	8.790	TOTAL
MEAN	0.193	0.196	0.411	2.53	5.48	1.34	0.747	0.301	0.334	0.220	0.418	0.284	MEAN
MAX	0.205	0.240	0.677	7.55	7.95	2.09	1.34	0.447	0.478	0.268	0.556	0.376	MAX
MIN	0.178	0.169	0.214	0.704	2.28	0.988	0.405	0.178	0.208	0.173	0.264	0.221	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.04
MAXIMUM DAILY, 7.95E ON MAY 3
MINIMUM DAILY, 0.149B ON FEB 4

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 07 25 N
LONG 120 12 40 W
DRAINAGE AREA, 135 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	518	JUL	2 000
FEB	474	AUG	808
MAR	1 100	SEP	888
APR	6 550	OCT	589
MAY	14 700	NOV	1 080
JUN	3 470	DEC	759

TOTAL DISCHARGE, 32 900 dam³

FIVE MILE CREEK ABOVE CITY INTAKE - STATION NO. 08NJ168

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	1.21A	15.0	4.00	1.34	0.649	0.487E	1.03	0.600B	1
2	---	---	---	---	1.27A	16.1	4.42	1.16	0.820	0.486A	0.964	0.570B	2
3	---	---	---	---	1.38A	14.8	3.74	1.01	0.780	0.480E	3.33	0.560B	3
4	---	---	---	---	1.62A	10.3	3.44	0.918	0.708	0.500E	4.28	0.565B	4
5	---	---	---	---	1.57A	8.56	3.94	0.857	0.707	0.477A	2.85	0.570B	5
6	---	---	---	---	1.78A	8.28	4.08	0.807	0.695	0.480E	2.47	0.553B	6
7	---	---	---	---	2.32A	9.55	3.66	0.776	0.685	0.445E	2.19	0.535B	7
8	---	---	---	---	2.30A	10.7	3.31	0.752A	0.639	0.440E	1.89	0.530B	8
9	---	---	---	---	1.90A	10.5	2.96	0.762	0.634	0.438A	1.71	0.525B	9
10	---	---	---	---	1.89A	15.6	2.77	0.848	0.648	0.420E	1.48	0.526B	10
11	---	---	---	---	1.53A	8.33	2.81	1.02	0.791	0.400E	1.87	0.535B	11
12	---	---	---	---	1.49A	6.01	3.17	1.30	0.780	0.390A	1.55	0.535B	12
13	---	---	---	---	1.50A	5.54	6.24	1.05	0.738	0.385E	1.39	0.530B	13
14	---	---	---	---	1.58A	5.98	4.91	0.988	0.731	0.365E	1.38	0.520B	14
15	---	---	---	---	1.75A	7.81	3.88	0.953	0.710	0.370E	1.28	0.514B	15
16	---	---	---	---	2.02A	8.18	3.02	0.910	0.711	0.380A	1.35	0.510B	16
17	---	---	---	---	2.16A	5.87	3.21	0.855	0.696	0.365E	1.26	0.495B	17
18	---	---	---	---	2.64	5.88	2.87	0.767	0.664	0.370E	1.20	0.480B	18
19	---	---	---	---	2.55	4.78	2.81	0.718	0.631	0.384A	1.14	0.475B	19
20	---	---	---	---	2.81	4.40	2.83	0.699	0.628	0.390E	1.08	0.465B	20
21	---	---	---	---	3.85	4.17	2.56	0.661	0.613	0.400E	1.03	0.455B	21
22	---	---	---	---	6.32	3.84	2.27	0.633	0.629E	0.758E	1.00	0.450B	22
23	---	---	---	---	5.45	4.67	2.10	0.581	0.610E	0.735A	0.977	0.445B	23
24	---	---	---	---	7.52	4.90	1.80	1.10	0.600E	0.615E	0.932	0.446B	24
25	---	---	---	---	9.49	4.31	2.01	1.01	0.582A	0.571E	0.922	0.420B	25
26	---	---	---	---	10.5	4.11	2.22	1.17	0.570E	0.528A	0.891	0.410B	26
27	---	---	---	---	11.3	4.30	1.87	1.03	0.545E	0.524E	0.863	0.415B	27
28	---	---	---	---	13.8	4.39	1.76	0.885	0.516A	0.522E	0.777	0.410B	28
29	---		---	---	15.9	4.24	1.59	0.810	0.505E	0.522	0.750B	0.405B	29
30	---		---	---	16.6	4.34	1.51	0.737	0.490E	0.552	0.660B	0.410B	30
31	---		---		15.1		1.46	0.697		1.02		0.415B	31
TOTAL	---	---	---	---	151.10	222.62	93.33	27.832	19.661	15.176	44.226	15.309	TOTAL
MEAN	---	---	---	---	4.87	7.42	3.01	0.898	0.656	0.490	1.47	0.494	MEAN
MAX	---	---	---	---	16.6	15.6	6.24	1.34	0.820	1.02	4.28	0.600	MAX
MIN	---	---	---	---	1.21	3.84	1.46	0.581	0.490	0.360	0.660	0.405	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 16.6 ON MAY 30
MINIMUM DAILY, 0.360A ON OCT 15
MAXIMUM INSTANTANEOUS,
19.4 AT 17:42 PST ON MAY 30

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 31 08 N
LONG 117 12 44 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	8 080
FEB	---	AUG	2 400
MAR	---	SEP	1 700
APR	---	OCT	1 310
MAY	13 100	NOV	3 820
JUN	19 200	DEC	1 320

FLATBED CREEK AT KILOMETRE 110 HERITAGE HIGHWAY - STATION NO. 07FB008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.677B	0.506B	0.447B	0.660B	9.06	7.27	19.3	6.04	1.48	1.38	2.20 E	0.642B	1
2	0.676B	0.470B	0.427B	0.640B	9.16	5.99	19.1	5.33	1.30	1.31	1.88 E	0.536B	2
3	0.680B	0.445B	0.440B	1.04 B	9.53	5.21	27.8	5.25	1.34	1.27	2.00 E	0.542B	3
4	0.665B	0.440B	0.428B	1.12 B	9.71	5.06	26.8	5.11	1.86	1.62	1.91 E	0.595B	4
5	0.656B	0.447B	0.438B	1.21 B	9.90	4.84	20.2	4.60	1.84	1.66	1.80 B	0.620B	5
6	0.648B	0.460B	0.426B	1.30 B	9.50	4.97	16.8	4.02	1.87	1.43	1.85 B	0.565B	6
7	0.627B	0.446B	0.430B	1.39 B	13.5	4.95	27.6	3.63	1.82	1.33	1.64 B	0.520B	7
8	0.600B	0.432B	0.460B	1.45 B	13.8	4.60	24.6	3.32	1.93	1.33	1.48 B	0.480B	8
9	0.560B	0.428B	0.521B	1.60 B	11.4	5.41	18.1	3.12	1.81	1.15	1.31 B	0.485B	9
10	0.565B	0.430B	0.598B	1.68 B	10.3	4.84	14.1	2.74	1.73	1.11	1.27 B	0.447B	10
11	0.576B	0.465B	0.604B	1.66 B	9.44	4.86	13.0	2.62	1.88	1.11	1.25 B	0.480B	11
12	0.625B	0.476B	0.560B	1.78 B	9.15	4.51	10.7	2.51	1.71	1.10	1.29 B	0.505B	12
13	0.590B	0.478B	0.556B	1.87 B	9.12	4.74	9.85	2.39	1.67	1.25	1.19 B	0.503B	13
14	0.505B	0.450B	0.635B	2.50 B	8.31	4.37	14.9	2.33	1.61	1.59	1.07 B	0.470B	14
15	0.669B	0.430B	0.517B	3.80 B	7.62	3.97	26.9	2.28	1.78	1.81	0.980B	0.437B	15
16	0.547B	0.422B	0.500B	4.22	8.60	3.76	34.3	2.30	2.01	1.36	0.978B	0.415B	16
17	0.540B	0.419B	0.502B	5.38	9.86	3.84	27.5	2.26	2.06	1.34A	0.980B	0.400B	17
18	0.555B	0.427B	0.528B	7.36	9.07	3.47	23.4	2.27	2.05	1.26E	0.950B	0.400B	18
19	0.562B	0.443B	0.525B	9.50	8.88	6.63	19.3	2.22	2.00	1.21E	0.904B	0.430B	19
20	0.554B	0.452B	0.600B	10.3	10.8	17.1	16.1	2.15	1.83	1.20E	0.852B	0.480B	20
21	0.518B	0.450B	0.480B	11.8	10.8	18.9	16.6	2.00	1.74	1.23E	0.820B	0.485B	21
22	0.462B	0.460B	0.470B	13.1	9.33	16.7	14.5	1.81	2.07	1.31E	0.760B	0.435B	22
23	0.440B	0.460B	0.468B	13.3	9.28	12.5	12.6	1.73	1.98	1.50E	0.735B	0.407B	23
24	0.435B	0.465B	0.480B	13.8	8.84	15.4	11.3	1.64	1.77	1.43E	0.688B	0.405B	24
25	0.433B	0.473B	0.500B	12.1	8.83	31.7	11.0	1.63	1.63	1.40E	0.660B	0.421B	25
26	0.440B	0.449B	0.535B	10.5	7.85	20.9	14.9	1.51	1.52	1.73E	0.710B	0.438B	26
27	0.460B	0.440B	0.570B	9.85	6.88	18.0	16.1	1.37	1.60	2.33E	0.755B	0.438B	27
28	0.475B	0.450B	0.610B	10.1	7.15	13.2	11.4	1.44	1.64	2.18E	0.690B	0.415B	28
29	0.480B		0.665B	10.4	6.02	10.8	9.48	1.55	1.44	1.90E	0.605B	0.419B	29
30	0.485B		0.730B	9.74	9.18	14.6	7.85	1.72	1.38	1.68E	0.570B	0.410B	30
31	0.505B		0.800B		8.60		8.93	1.74		2.30E		0.408B	31
TOTAL	17.222	12.664	16.302	175.255	291.22	278.00	538.81	84.64	52.09	45.22	34.687	14.471	TOTAL
MEAN	0.556	0.452	0.526	5.84	9.39	9.27	17.4	2.73	1.74	1.46	1.16	0.467	MEAN
MAX	0.680	0.506	0.800	13.8	13.8	31.7	34.3	6.04	2.07	2.33	2.20	0.620	MAX
MIN	0.433	0.419	0.426	0.660	6.09	3.47	6.93	1.37	1.30	1.10	0.570	0.400	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.28
MAXIMUM DAILY, 34.3 ON JUL 16
MINIMUM DAILY, 0.400B ON DEC 17
MAXIMUM INSTANTANEOUS,
39.5 AT 01:01 PST ON JUN 25

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 05 21 N
LONG 120 55 24 W
DRAINAGE AREA, 697 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 490	JUL	46 600
FEB	1 090	AUG	7 300
MAR	1 410	SEP	4 500
APR	15 100	OCT	3 910
MAY	25 200	NOV	3 000
JUN	24 000	DEC	1 250

TOTAL DISCHARGE, 136 000 dam³

FLATHEAD RIVER AT FLATHEAD - STATION NO. 08NP001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.888	3.438	4.86	5.83	36.6	143	39.1	21.4	8.90	6.78	7.78	5.25	1
2	3.858	3.478	4.86	5.86	36.7	133	38.4	20.6	8.99	6.59	8.16	5.408	2
3	3.778	3.438	4.89	5.90	39.6	111	37.6	19.6	8.36	6.52	8.80	5.458	3
4	3.978	3.368	4.91	6.07	42.4	111	37.9	18.5	8.18	6.38	29.2	5.708	4
5	4.048	3.888	4.83	6.07	45.8	111	36.1	17.7	8.06	6.38	29.3	5.858	5
6	4.108	4.808	4.82	6.04	53.2	108	33.9	16.9	8.06	6.31	22.7	5.838	6
7	4.028	5.928	4.83	6.03	61.2	108	34.3	16.0	8.78	6.10	21.2	5.808	7
8	5.958	5.408	4.82	6.38	61.9	107	38.8	15.8	8.46	5.97	17.5	5.858	8
9	6.458	4.838	4.92	6.85	57.2	105	40.1	15.7	8.38	5.88	15.3	6.108	9
10	5.458	4.008	5.38	6.84	51.2	104	38.1	15.1	8.38	5.88	14.9	6.208	10
11	5.588	3.508	5.86	6.72	46.5	98.7	32.1	14.6	8.46	5.92	13.6	6.278	11
12	5.258	3.408	6.11	6.47	48.5	77.6	30.4	14.8	8.38	5.84	12.6	6.348	12
13	4.888	3.958	6.31	6.28	49.6	68.7	34.6	14.5	8.14	5.84	12.1	6.348	13
14	4.008	3.978	6.53	6.41	53.5	61.4	83.2	13.9	8.02	5.74	11.6	6.158	14
15	3.208	3.788	6.29	6.81	58.7	61.3	70.2	13.5	7.73	5.71	11.2	5.908	15
16	3.708	3.708	6.07	7.22	59.0	59.4	58.8	12.8	7.58	5.72	10.8	5.698	16
17	4.208	3.808	5.98	8.18	67.0	55.6	52.5	12.3	7.88	5.74	11.0	4.858	17
18	3.808	4.808	5.88	9.96	80.1	58.6	48.9	12.0	7.73	5.87	10.5	4.478	18
19	3.408	4.828	5.68	12.8	74.3	62.2	42.3	11.6	7.58	5.83	10.2	4.238	19
20	3.498	4.73	5.69	16.2	72.7	48.0	39.5	11.6	7.44	5.80	9.77	4.108	20
21	3.518	4.88	5.73	38.5	97.3	43.6	38.6	11.1	7.23	5.73	9.42	4.028	21
22	3.528	4.75	5.68	36.9	118	40.6	34.8	10.8	7.07	5.11	8.88	4.088	22
23	3.528	4.78	5.89	70.4	135	39.6	32.3	10.8	6.94	5.50	8.53	3.908	23
24	3.478	4.84	5.68	61.7	180	42.2	32.7	11.4	6.74	5.43	8.81	3.808	24
25	3.108	4.87	5.68	76.1	178	43.0	32.0	11.0	6.71	7.81	8.31	4.508	25
26	3.358	4.88	5.68	81.4	208	38.1	30.8	10.4	6.74	7.18	8.18	5.108	26
27	3.608	4.84	5.50	46.8	209	37.5	28.7	10.1	6.84	6.65	8.09	5.158	27
28	3.808	4.80	5.59	41.1	192	37.0	26.6	9.74	6.82	6.37	7.92	4.808	28
29	3.708		5.80	37.5	183	36.4	25.3	9.44	7.04	6.08	7.58	5.308	29
30	3.538		5.77	36.9	202	38.3	24.1	9.22	6.81	6.02	8.78	5.708	30
31	3.408		5.84		174		22.6	8.98		6.48		6.108	31
TOTAL	125.18	121.21	171.75	638.60	2 958.6	2 159.6	1 188.7	432 06	236.01	186.20	387.76	183.21	TOTAL
MEAN	4.04	4.33	5.54	21.0	95.4	72.0	38.3	13.8	7.87	6.33	12 3	5.26	MEAN
MAX	6.45	5.92	6.53	76.1	209	143	83.2	21.4	8.38	6.80	29.3	6.34	MAX
MIN	3.10	3.36	4.82	5.83	36 6	36.4	22.6	8.98	6.84	5.71	5.76	3.80	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 23.8
MAXIMUM DAILY, 209 ON MAY 27
MINIMUM DAILY, 3.108 ON JAN 25
MAXIMUM INSTANTANEOUS,
221 AT 08:55 MST ON MAY 27

SUMMARY FOR THE YEAR 1983

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 00 02 N
LONG 114 28 28 W
DRAINAGE AREA, 1 110 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	10 800	JUL	103 000
FEB	10 500	AUG	38 500
MAR	14 800	SEP	20 400
APR	54 300	OCT	17 000
MAY	255 000	NOV	31 800
JUN	187 000	DEC	14 100

TOTAL DISCHARGE, 754 000 dam³

FORD LAKE ON SALTSPRING ISLAND - STATION NO. 08HA049

DAILY WATER LEVEL IN METRES FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	1.987	---	---	---	---	---	1
2	---	---	---	---	---	---	---	---	1.927	---	---	---	2
3	---	---	---	---	---	1.987	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	1.917	---	---	---	---	5
6	---	---	---	---	1.933	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	1.589	---	---	7
8	---	---	---	2.079	---	---	1.981	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	1.923	---	---	---	9
10	---	---	---	---	1.969	1.979	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	1.877	---	---	---	---	12
13	---	---	---	---	1.945	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	1.981	---	---	14
15	---	---	---	2.113	---	---	1.997	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	1.975	---	---	---	16
17	---	---	---	---	---	1.987	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	1.945	---	---	---	---	19
20	---	---	---	---	1.953	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	2.013	---	---	21
22	---	---	---	1.957	---	---	1.971	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	1.969	---	---	---	23
24	---	---	---	---	---	1.993	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	---	---	---	---	---	1.909	---	---	---	---	26
27	---	---	---	---	1.983	---	---	---	---	---	---	---	27
28	---	---	---	---	---	---	---	---	---	2.073	---	---	28
29	---		---	1.981	---	---	1.945	---	---	---	---	---	29
30	---		---	---	---	---	---	---	1.983	---	---	---	30
31	---		---		---		---	---		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - MANUAL
LOCATION - LAT 48 47 40 N
LONG 123 28 25 W
DATA CONTRIBUTED BY -
BRITISH COLUMBIA MINISTRY OF ENVIRONMENT

NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

FORDING RIVER AT THE MOUTH - STATION NO. 08NK018

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.00B	1.97B	1.59E	2.08	7.12	30.4	10.6	6.31	3.32	2.70	3.28	1.82B	1
2	2.00B	1.97B	1.58E	2.08	7.01	25.2	9.59	6.10	3.31	2.63	3.31	1.78B	2
3	2.02B	1.95B	1.59E	2.08	7.24	27.0	10.6	5.87	3.33	2.43	2.90	1.78B	3
4	2.08B	1.83B	1.59E	2.09	7.23	29.5	11.5	5.85	3.30	2.58	3.53	1.79B	4
5	2.17B	1.86B	1.61E	2.10	7.44	27.4	12.7	5.46	3.36	2.58	3.22	1.89B	5
6	2.21B	1.80B	1.63E	2.11	7.80	25.9	12.9	5.29	3.28	2.58	3.03	1.85B	6
7	2.26B	1.76B	1.64E	2.11	8.01	25.7	13.2	5.15	3.19	2.52	2.90	1.86B	7
8	2.31B	1.75B	1.69E	2.12	8.59	25.0	13.4	5.04	3.18	2.47	2.77	1.88B	8
9	2.30B	1.71B	1.90E	2.14	8.50	23.5	13.0	4.88	3.16	2.41	2.69	1.89B	9
10	2.32B	1.70B	2.10E	2.15	9.04	21.4	11.8	4.90	3.14	2.37	2.68	1.90B	10
11	2.38B	1.66B	2.09E	2.14	8.78	19.0	10.7	4.84	3.10	2.35	2.84	1.90B	11
12	2.26B	1.63B	2.05E	2.15	9.01	17.4	10.3	4.61	3.02	2.33	2.81	1.90B	12
13	2.24B	1.63B	2.02E	2.16	9.73	15.8	10.2	4.50	2.95	2.32	2.55	1.90B	13
14	2.17B	1.62B	2.00E	2.17	10.9	14.8	11.3	4.44	2.90	2.32	2.54	1.90B	14
15	2.13B	1.60B	1.98E	2.34	11.4	14.6	10.9	4.36	2.84	2.30	2.52	1.89B	15
16	2.08B	1.60E	1.88A	2.41	11.8	14.0	11.0	4.28	2.78	2.28	2.49	1.87B	16
17	2.05B	1.61E	1.94	2.50	11.8	13.4	12.5	4.16	2.81	2.28	2.51	1.86B	17
18	2.07B	1.61E	1.93	2.61	12.5	13.3	12.2	4.18	2.88	2.33A	2.47	1.84B	18
19	2.08B	1.58E	1.96	2.74	12.4	13.3	11.7	4.23	2.92A	2.28A	2.45	1.81B	19
20	2.10B	1.59E	2.00	2.81	12.3	11.3	11.5	4.04	3.00A	2.17	2.40	1.80B	20
21	2.00B	1.59E	2.00	3.13	15.1	10.4	10.8	3.90	2.81	2.18	2.39	1.78B	21
22	1.96B	1.59A	2.00	3.82	18.7	9.79	10.1	3.89	2.75	2.34	2.28	1.74B	22
23	1.96B	1.59E	2.01	4.69	23.9	10.7	9.43	3.87	2.86	2.41	2.25	1.70B	23
24	2.03B	1.59E	2.02	7.65	27.0	12.6	8.85	3.84	2.89	2.27	2.38	1.69B	24
25	1.90B	1.60E	2.03	11.6	33.9	12.7	8.63	3.90	2.51	2.36	2.41	1.68B	25
26	1.90B	1.61E	2.03	10.1	39.0	11.3	8.69	3.83	2.49	2.19	2.53	1.70B	26
27	2.02B	1.60E	2.04	8.70	38.4	10.6	8.08	3.72	2.72	2.22	2.49	1.70B	27
28	2.04B	1.60E	2.06	7.89	37.5	10.4	7.65	3.72	2.83	2.18	2.34	1.73B	28
29	1.99B		2.07	7.42	38.4	10.2	7.17	3.80	2.85	2.17	2.10B	1.79B	29
30	1.97B		2.08	7.30	39.9	10.7	6.77	3.47	2.70	2.21	2.04B	1.82B	30
31	1.97B		2.08		34.3		6.49	3.36		2.33		1.88B	31
TOTAL	65.02	47.32	59.27	117.15	539.09	516.49	324.74	139.85	88.27	72.83	76.28	56.33	TOTAL
MEAN	2.10	1.69	1.91	3.91	17.4	17.2	10.5	4.51	2.94	2.35	2.54	1.82	MEAN
MAX	2.38	1.99	2.10	11.6	39.9	30.4	13.4	6.31	3.39	2.70	3.53	1.92	MAX
MIN	1.90	1.58	1.59	2.08	7.01	9.79	6.49	3.36	2.49	2.16	2.04	1.68	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.76
MAXIMUM DAILY, 39.9 ON MAY 30
MINIMUM DAILY, 1.58E ON FEB 19
MAXIMUM INSTANTANEOUS,
42.2 AT 08:00 MST ON MAY 30

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 52 38 N
LONG 114 52 08 W
DRAINAGE AREA, 619 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	5 620	JUL	28 100
FEB	4 090	AUG	12 100
MAR	5 120	SEP	7 630
APR	10 100	OCT	6 290
MAY	46 600	NOV	6 590
JUN	44 600	DEC	4 870

TOTAL DISCHARGE, 182 000 dam³

FORDING RIVER BELOW CLODE CREEK - STATION NO. 08NK021

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.157B	0.160	0.154	0.228	1.47	7.15	2.25	1.19	0.621	0.396E	0.388A	0.148B	1
2	0.161B	0.155	0.153	0.230	1.41	5.60	2.12	1.11	0.627	0.390E	0.333E	0.142B	2
3	0.162B	0.152	0.151	0.238	1.41	5.79	2.36	1.03	0.611	0.390E	0.420E	0.140B	3
4	0.163B	0.150B	0.153	0.236	1.40	5.96	2.89	0.975	0.618	0.380E	0.578A	0.137B	4
5	0.164B	0.147B	0.157	0.238	1.43	5.57	3.42	0.924	0.618	0.386E	0.558E	0.134B	5
6	0.165B	0.144B	0.159	0.261	1.56	5.48	3.33	0.915	0.598	0.380A	0.540E	0.132B	6
7	0.157B	0.145B	0.160	0.249	1.85	6.00	4.13	0.894	0.644	0.370E	0.521A	0.130B	7
8	0.171B	0.148B	0.161	0.254	1.82	5.62	3.78	0.879	0.617	0.360E	0.510A	0.134B	8
9	0.176	0.149B	0.168	0.256	1.63	5.07	3.08	0.874	0.585	0.350E	0.500A	0.140	9
10	0.163	0.151B	0.225	0.266	1.70	5.18	2.56	0.905	0.554	0.344E	0.480E	0.144	10
11	0.170	0.155	0.215	0.267	1.71	4.59	2.21	0.872	0.503	0.338A	0.460E	0.147	11
12	0.172	0.146	0.197	0.245	1.87	4.03	2.31	0.828	0.487	0.412A	0.440E	0.149	12
13	0.169	0.149	0.202	0.241	2.15	3.36	2.34	0.787	0.480	0.324A	0.430E	0.148	13
14	0.165B	0.151	0.203	0.237	2.42	3.41	2.34	0.759	0.481	0.320A	0.420A	0.154	14
15	0.161B	0.149	0.205	0.241	2.61	3.65	2.08	0.747	0.457	0.320E	0.400A	0.153B	15
16	0.159B	0.154	0.206	0.258	2.61	3.17	2.08	0.781	0.484	0.316E	0.380A	0.151B	16
17	0.160B	0.147	0.188	0.287	2.87	3.06	2.15	0.768	0.477	0.312E	0.380A	0.148B	17
18	0.162B	0.144	0.192	0.353	3.15	3.12	2.10	0.811	0.481	0.306A	0.370E	0.145B	18
19	0.167	0.148	0.204	0.636	2.84	2.85	2.04	0.749	0.480	0.300A	0.350E	0.142B	19
20	0.166	0.143	0.197	1.12	3.08	2.28	1.96	0.730	0.433	0.300A	0.318E	0.136B	20
21	0.163	0.143	0.189	1.82	4.40	2.01	1.86	0.701	0.417	0.297A	0.273A	0.136B	21
22	0.159	0.148	0.182	2.06	5.19	2.01	1.74	0.706	0.396	0.303E	0.260A	0.133B	22
23	0.165	0.140	0.185	2.24	5.48	2.85	1.68	0.718	0.390	0.313E	0.198A	0.130B	23
24	0.170	0.153	0.209	3.54	7.02	4.05	1.65	0.743	0.375	0.300A	0.179	0.127B	24
25	0.164	0.171	0.210	3.46	8.01	3.14	1.65	0.733	0.363	0.291A	0.163	0.128B	25
26	0.157	0.165	0.226	2.50	10.4	2.89	1.59	0.716	0.357	0.285A	0.157B	0.130B	26
27	0.159	0.159	0.220	2.04	10.4	2.48	1.45	0.690	0.428	0.279	0.155B	0.131B	27
28	0.156	0.164	0.223	1.78	8.83	2.41	1.36	0.666	0.440A	0.282A	0.153B	0.130B	28
29	0.174		0.225	1.84	10.7	2.44	1.32	0.670	0.423E	0.274E	0.151B	0.130B	29
30	0.171		0.220	1.80	10.4	2.38	1.27	0.646	0.408E	0.268E	0.149B	0.132B	30
31	0.166		0.230		8.45		1.23	0.625		0.264A		0.136B	31
TOTAL	5.105	4.219	6.030	26.430	133.78	123.42	68.41	25.126	14.793	10.152	10.508	4.299	TOTAL
MEAN	0.165	0.151	0.195	0.881	4.32	4.11	2.21	0.811	0.493	0.328	0.350	0.139	MEAN
MAX	0.168	0.171	0.230	3.54	10.7	7.15	4.13	1.19	0.644	0.412	0.578	0.154	MAX
MIN	0.156	0.140	0.151	0.228	1.40	2.01	1.23	0.625	0.357	0.264	0.149	0.127	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.19
MAXIMUM DAILY, 10.7 ON MAY 29
MINIMUM DAILY, 0.127B ON DEC 24
MAXIMUM INSTANTANEOUS,
12.5 AT 23:35 MST ON MAY 26

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 12 05 N
LONG 114 52 57 W
DRAINAGE AREA, 104 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	448	JUL	5 910
FEB	365	AUG	2 170
MAR	521	SEP	1 280
APR	2 450	OCT	878
MAY	11 600	NOV	908
JUN	10 700	DEC	371

TOTAL DISCHARGE, 37 600 dam³

FORREST KERR CREEK ABOVE 460 m CONTOUR - STATION NO. 08CG006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.62B	1.40B	1.13B	1.04B	10.3	60.0	91.1	115	95.9	17.9	6.12	1.94B	1
2	1.61B	1.40B	1.13B	1.05B	10.6	73.0	88.1	92.5	111	17.8	6.26	1.90B	2
3	1.61B	1.39B	1.12B	1.08B	10.7	77.6	92.8	86.2	127	21.5	6.51	1.86B	3
4	1.60B	1.38B	1.12B	1.10B	10.2	85.4	79.6	89.5	129	21.8	6.89	1.82B	4
5	1.59B	1.37B	1.11B	1.12B	9.87	57.1	79.8	87.1	82.9	21.0	6.28	1.78B	5
6	1.58B	1.36B	1.11B	1.14B	9.69	48.3	81.0	81.5	65.0	17.8	5.94	1.75B	6
7	1.57B	1.35B	1.10B	1.16B	10.6	46.9	81.2	79.1	57.4	16.0	5.53	1.72B	7
8	1.55B	1.34B	1.10B	1.16B	11.7	48.6	89.7	76.5	46.5	14.0	5.22A	1.69B	8
9	1.55C	1.33B	1.09B	1.18B	12.4	51.0	88.9	82.8	40.3	12.3	4.95B	1.66B	9
10	1.54B	1.31B	1.09B	1.18B	13.1	52.1	89.3	97.1	35.5	10.6	4.70B	1.63B	10
11	1.53B	1.30B	1.08B	1.17B	13.1	57.4	80.5	92.1	35.9	11.0	4.40B	1.60B	11
12	1.52B	1.29B	1.08B	1.16B	13.1	57.7	78.2	87.1	35.7	11.5	4.15B	1.57B	12
13	1.53B	1.28B	1.07B	1.15B	12.8	61.0	74.5	77.8	37.7	11.3	3.90B	1.54B	13
14	1.51B	1.27B	1.07B	1.14B	14.8	69.1	79.3	82.0	42.8	10.4	3.70B	1.52B	14
15	1.51B	1.26B	1.06B	1.13B	17.0	67.1	80.9	87.4	39.6	9.44	3.50B	1.50B	15
16	1.50B	1.25B	1.06B	1.13B	22.4	58.4	98.2	86.9	30.1	8.41	3.32B	1.47B	16
17	1.49B	1.24B	1.06B	1.16B	25.1	80.9	109	101	23.0	7.79	3.20B	1.44B	17
18	1.49B	1.23B	1.05B	1.25B	18.0	77.0	119	80.2	20.8	8.36	3.08B	1.42B	18
19	1.48B	1.22B	1.04B	1.40B	17.2	77.3	117	75.6	19.3	10.0	2.91B	1.40B	19
20	1.48B	1.21B	1.04B	1.62B	23.9	75.1	104	68.0	19.8	10.2	2.80B	1.38B	20
21	1.47B	1.20B	1.04B	2.10B	28.8	75.2	110	72.4	26.8	10.2	2.70B	1.36B	21
22	1.46B	1.19B	1.03B	2.60B	24.6	78.6	98.1	77.1	25.3	10.1	2.60B	1.34B	22
23	1.46B	1.18B	1.03B	3.20B	26.9	80.9	87.8	81.5	37.7	8.81	2.50B	1.32B	23
24	1.45B	1.17B	1.03B	4.20B	25.0	102	92.9	80.2	50.4	7.97	2.41B	1.31B	24
25	1.45B	1.16B	1.03B	6.00B	25.6	103	88.5	89.5	48.0	8.85	2.32B	1.30B	25
26	1.44B	1.15B	1.02B	6.00B	21.8	103	103	117	36.4	8.64	2.24B	1.28B	26
27	1.43B	1.15B	1.02B	7.10B	20.4	102	111	114	28.7	7.72	2.18B	1.26B	27
28	1.43B	1.14B	1.02B	8.05B	24.2	95.6	90.6	112	21.7	7.25	2.11B	1.25B	28
29	1.42B		1.02B	8.42	33.1	97.4	88.7	111	17.3	7.19	2.04B	1.24B	29
30	1.42B		1.02B	9.82	44.8	95.1	90.4	94.5	15.0	6.70	1.98B	1.23B	30
31	1.41B		1.03B		54.7		122	87.2		6.44		1.22B	31
TOTAL	46.70	35.52	33.88	81.16	620.76	2 134.5	2 648.5	2 801.6	1 414.4	380.09	116.44	46.70	TOTAL
MEAN	1.51	1.27	1.08	2.71	20.0	71.2	85.1	90.4	47.1	11.6	3.88	1.51	MEAN
MAX	1.62	1.40	1.13	9.82	54.7	103	122	117	129	21.8	6.89	1.94	MAX
MIN	1.41	1.14	1.02	1.04	9.67	46.3	74.5	68.0	15.0	6.44	1.98	1.22	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 29.1
MAXIMUM DAILY, 129 ON SEP 4
MINIMUM DAILY, 1.02B ON MAR 26
MAXIMUM INSTANTANEOUS,
145 AT 02:47 PST ON SEP 4

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 54 50 N
LONG 130 42 15 W
DRAINAGE AREA, 311 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	4 030	JUL	228 000
FEB	3 070	AUG	242 000
MAR	2 850	SEP	122 000
APR	7 010	OCT	31 100
MAY	53 600	NOV	10 100
JUN	184 000	DEC	4 030

TOTAL DISCHARGE, 919 000 dam³

FORT NELSON RIVER ABOVE MUSKWA RIVER - STATION NO. 10CC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	12.0 B	5.80B	5.40B	5.92B	507	372E	175E	278	65.7	47.3A	23.2B	10.0 B	1
2	10.7 B	5.86B	5.41B	5.97B	478	361E	195E	240	63.9	45.8A	22.5B	10.1 B	2
3	10.0 B	5.97B	5.50B	5.95B	483	330E	225E	215	61.0	45.4A	21.8B	10.2 B	3
4	9.10B	6.00B	5.50B	6.00B	438	290E	258A	192	58.5	46.1A	21.5B	10.3 B	4
5	8.00B	5.80B	5.53B	6.05B	420	280E	274	176	58.7	46.6A	20.9B	9.98B	5
6	7.56B	5.85B	5.40B	5.90B	404	258E	252A	156	55.1	45.4E	19.4B	9.60B	6
7	7.36B	5.90B	5.42B	5.65B	396	229E	248E	139	57.2	45.3E	18.6B	8.95B	7
8	7.30B	5.82B	5.60B	5.45B	417	200E	230A	123	63.6	44.4E	18.7B	8.65B	8
9	7.10B	5.80B	5.75B	5.53B	561	187E	232	112 A	74.7	43.7E	18.3B	8.35B	9
10	6.90B	5.63B	6.18B	5.61B	843	216E	237	106 B	81.8	42.7E	17.8B	8.30B	10
11	6.65B	5.70B	5.97B	5.95B	641	270E	217A	97.0E	84.9	41.8E	17.0B	8.23B	11
12	6.55B	5.65B	5.75B	6.64B	509	270E	208E	90.0E	87.4	40.9A	17.1B	8.24B	12
13	6.50B	5.62B	5.80B	7.40B	551	284E	198E	83.0E	87.1	39.5E	16.7B	8.25B	13
14	6.55B	5.70B	5.75B	9.00B	493	221A	187E	77.6A	82.7	38.5E	16.0B	8.00B	14
15	6.53B	5.58B	6.00B	13.7 B	442	206	178E	78.1	77.6	36.7E	15.3B	7.70B	15
16	6.50B	5.40B	6.10B	19.0 B	416	265	189E	70.9	71.9	38.8B	14.7B	7.80B	16
17	6.57B	5.35B	6.13B	26.0 B	405	217A	189E	66.4	68.5	36.5B	14.8B	7.58B	17
18	6.65B	5.35B	6.02B	40.0 B	397	200E	151E	65.8	65.1	36.3B	14.7B	7.59B	18
19	6.72B	5.35B	5.90B	58.0 B	385A	183E	146E	74.3	62.0	34.5B	14.3B	7.61B	19
20	6.80B	5.55B	5.80B	80.0 B	343E	302A	140E	103	58.9	33.7B	13.5B	7.70B	20
21	6.88B	5.60B	5.66B	131 B	310E	714A	134E	131	57.1	33.8B	12.8B	7.80B	21
22	6.78B	5.50B	5.55B	186 B	278E	599	130E	155	55.4	33.4B	12.6B	7.50B	22
23	6.45B	5.60B	5.45B	290 B	250E	483	153E	164	53.8	30.5B	11.8B	7.45B	23
24	6.13B	5.78B	5.40B	440 B	230E	414	177E	150	51.4	29.1B	11.7B	7.49B	24
25	6.02B	5.60B	5.42B	626	218E	385	163E	133	49.6	29.2B	11.8B	7.50B	25
26	6.00B	5.55B	5.42B	665	204E	324	190E	119	50.1A	26.5B	12.0B	7.43B	26
27	6.02B	5.35B	5.40B	639	196E	284	140E	106	50.4E	25.0B	11.8B	7.41B	27
28	6.10B	5.42B	5.39B	683	187E	298A	271A	94.1	50.0E	24.9B	11.6B	7.38B	28
29	6.10B		5.40B	627	182E	300A	408	83.8	48.8E	24.3B	10.8B	7.35B	29
30	6.02B		5.50B	534	248E	185A	352	74.2	47.3E	23.8B	10.2B	7.30B	30
31	5.90B		5.70B		320E		311	66.2		23.5B		7.31B	31
TOTAL	220.69	155.56	175.33	4 842.54	12 044	6 461	6 475	3 810.9	1 898.1	1 142.9	473.4	254.55	TOTAL
MEAN	7.12	5.56	5.66	165	389	215	209	123	63.3	36.9	15.8	8.21	MEAN
MAX	12.0	6.00	6.18	683	843	714	408	276	87.4	47.3	23.2	10.3	MAX
MIN	5.90	5.35	5.39	5.45	182	183	130	65.6	47.2	23.5	10.2	7.30	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 113
MAXIMUM DAILY, 714A ON JUN 21
MINIMUM DAILY, 5.35B ON FEB 17
MAXIMUM INSTANTANEOUS,
773 AT 15:40 PST ON JUN 21

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 40 15 N
LONG 122 38 15 W
DRAINAGE AREA, 22 800 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	19 100	JUL	550 000
FEB	13 700	AUG	330 000
MAR	15 100	SEP	164 000
APR	427 000	OCT	98 700
MAY	1 040 000	NOV	40 900
JUN	517 000	DEC	22 000

TOTAL DISCHARGE, 3 550 000 dam³

FORTUNE CREEK NEAR ARMSTRONG - STATION NO. 08LC035

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.043	0.053	0.087	0.123	2.20	4.20	0.630	0.270	0.084	0.072	0.095	0.078	1
2	0.037	0.048	0.084	0.125	2.20	3.48	0.554	0.235	0.235	0.070	0.228	0.051	2
3	0.032	0.044	0.080	0.132	2.36	3.30	0.498	0.211	0.200	0.067	0.253	0.052	3
4	0.030	0.041	0.062	0.132	2.52	3.13	0.430	0.193	0.193	0.071	0.263	0.058	4
5	0.029	0.041	0.078	0.131	2.52	2.85	0.570	0.185	0.338	0.078	0.253	0.055	5
6	0.027	0.043	0.081	0.138	2.84	2.36	0.515	0.158	0.287	0.071	0.236	0.052	6
7	0.029	0.045	0.087	0.155	3.03	1.88	0.800	0.155	0.200	0.071	0.221	0.061	7
8	0.030	0.045	0.090	0.163	2.78	1.88	0.460	0.148	0.235	0.068	0.193	0.070	8
9	0.041	0.047	0.094	0.168	1.83	1.67	0.821	0.080	0.270	0.082	0.183	0.088	9
10	0.048	0.044	0.195	0.184	1.70	1.78	0.882	0.105	0.315	0.083	0.150	0.126	10
11	0.063	0.045	0.243	0.155	1.78	1.58	0.895	0.200	0.380	0.058	0.183	0.124	11
12	0.080	0.051	0.223	0.150	1.83	1.32	0.835	0.193	0.321	0.047	0.179	0.115	12
13	0.057	0.057	0.205	0.132	2.52	1.24	0.874	0.165	0.324	0.048	0.172	0.108	13
14	0.054	0.051	0.195	0.144	3.03	1.07	0.835	0.130	0.293	0.044	0.154	0.104	14
15	0.057	0.048	0.177	0.158	2.68	1.48	0.765	0.110	0.263	0.057	0.157	0.115	15
16	0.058	0.041	0.167	0.218	3.03	1.41	0.695	0.080	0.235	0.053	0.235	0.100	16
17	0.057	0.045	0.157	0.223	3.14	1.41	0.630	0.045	0.207	0.052	0.242	0.095	17
18	0.056	0.057	0.147	0.320	3.19	1.48	0.515	0.084	0.188	0.055	0.228	0.089	18
19	0.055	0.054	0.137	0.430	3.22	1.32	0.380	0.057	0.165	0.054	0.207	0.084	19
20	0.053	0.053	0.147	0.550	3.40	1.48	0.410	0.053	0.200	0.051	0.193	0.0859	20
21	0.052	0.057	0.150	0.676	3.59	1.48	0.380	0.045	0.380	0.059	0.180	0.0428	21
22	0.053	0.055	0.135	0.825	3.78	1.32	0.347	0.038	0.105	0.090	0.158	0.0408	22
23	0.054	0.051	0.122	1.25	4.36	0.992	0.342	0.020	0.118	0.093	0.154	0.0428	23
24	0.053	0.054	0.115	1.70	4.60	1.24	0.338	0.020	0.105	0.087	0.148	0.0408	24
25	0.052	0.055	0.110	2.20	5.70	1.07	0.333	0.032	0.093	0.075	0.150	0.0388	25
26	0.051	0.070	0.108	1.89	5.04	0.976	0.280	0.051	0.095	0.082	0.148	0.0408	26
27	0.055	0.089	0.135	1.83	5.15	0.897	0.347	0.083	0.082	0.076	0.142	0.0418	27
28	0.058	0.088	0.122	1.70	5.48	0.765	0.358	0.088	0.063	0.073	0.125	0.044	28
29	0.054		0.135	1.68	6.08	0.695	0.342	0.085	0.081	0.089	0.100	0.048	29
30	0.054		0.126	1.55	7.25	0.883	0.324	0.084	0.083	0.075	0.088	0.047	30
31	0.048		0.128		6.45		0.297	0.083		0.083		0.047	31
TOTAL	1.484	1.523	4.148	19.706	111.19	50.458	15.819	3.377	5.136	2.102	5.425	2.129	TOTAL
MEAN	0.048	0.054	0.134	0.657	3.59	1.68	0.535	0.108	0.205	0.068	0.181	0.069	MEAN
MAX	0.063	0.089	0.243	2.20	8.08	4.20	0.874	0.270	0.380	0.093	0.263	0.126	MAX
MIN	0.027	0.041	0.078	0.123	1.70	0.883	0.297	0.020	0.084	0.044	0.085	0.038	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.515
MAXIMUM DAILY, 8.08 ON MAY 28
MINIMUM DAILY, 0.020 ON AUG 23

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - MANUAL
LOCATION - LAT 50 25 18 N
LONG 119 08 32 W
DRAINAGE AREA, 41.2 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	128	JUL	1 440
FEB	132	AUG	292
MAR	358	SEP	530
APR	1 700	OCT	182
MAY	9 610	NOV	469
JUN	4 360	DEC	184

TOTAL DISCHARGE, 19 400 dam³

FRANCOIS LAKE AT FRANCOIS LAKE - STATION NO. 08JB011

DAILY WATER LEVEL IN METRES FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.884	1.883	1.854	1.828	1.717	2.127	2.211	2.248	2.082	1.848E	1.798	1.783	1
2	1.884	1.882	1.854	1.828	1.737	2.127	2.221	2.238	2.047	1.848E	1.784	1.780	2
3	1.884	1.882	1.851	1.827	1.746	2.132	2.216	2.236	2.032	1.847E	1.782	1.756	3
4	1.882	1.887	1.851	1.827	1.787	2.135	2.206	2.231	2.017	1.848E	1.780	1.749	4
5	1.888	1.882	1.853	1.828	1.787	2.142	2.198	2.228	2.007	1.845E	1.788	1.743	5
6	1.888	1.882	1.852	1.828	1.807	2.148	2.184	220	2.008	1.848E	1.780	1.733	6
7	1.888	1.882	1.851	1.829	1.822	2.157	2.181	2..18	2.000E	1.844E	1.786	1.728	7
8	1.887	1.888	1.851	1.831	1.843	2.167	2.189	2.212	1.995E	1.842E	1.781	1.723	8
9	1.887	1.885	1.850	1.834	1.873	2.172	2.186	2.201	1.990E	1.840E	1.780	1.720	9
10	1.888	1.887	1.850	1.837	1.920	2.176	2.181	2.197	1.988E	1.839E	1.789	1.718	10
11	1.892	1.890	1.852	1.837	1.937	2.177	2.184	2.192	1.982E	1.838E	1.788	1.723	11
12	1.892	1.888	1.851	1.838	1.961	2.180	2.216	2.187	1.980E	1.838	1.788	1.726	12
13	1.892	1.882	1.850	1.838	1.985	2.182	2.221	2.187	1.977E	1.834	1.786	1.728	13
14	1.894	1.877	1.850	1.838	1.987	2.185	2.226	2.183	1.972E	1.829	1.785	1.723	14
15	1.893	1.872	1.848	1.838	1.971	2.187	2.226	2.177	1.968E	1.818	1.783	1.718	15
16	1.893	1.872	1.850	1.833	1.987	2.187	2.228	2.172	1.963E	1.803	1.783	1.718	16
17	1.891	1.867	1.848	1.838	2.012	2.187	2.231	2.167	1.960E	1.888	1.781	1.708	17
18	1.888	1.867	1.848	1.838	2.017	2.184	2.236	2.161	1.955E	1.873	1.778	1.703	18
19	1.885	1.863	1.847	1.838	2.028	2.181	2.244	2.152	1.952E	1.888	1.776	1.701	19
20	1.889	1.883	1.845	1.843	2.037	2.178	2.254	2.139	1.948	1.858	1.773	1.888	20
21	1.891	1.881	1.843	1.848	2.052	2.178	2.261	2.132	1.948E	1.850	1.788	1.888	21
22	1.893	1.881	1.840	1.853	2.087	2.178	2.266	2.117	1.950E	1.843	1.788	1.888	22
23	1.893	1.881	1.840	1.858	2.081	2.181	2.270	2.107	1.950E	1.838	1.770	1.883	23
24	1.893	1.883	1.838	1.858	2.087	2.184	2.276	2.097	1.950E	1.830	1.770	1.881	24
25	1.891	1.881	1.838	1.873	2.117	2.188	2.280	2.092	1.950E	1.828	1.788	1.888	25
26	1.888	1.858	1.838	1.878	2.112	2.188	2.276	2.087	1.950E	1.823	1.788	1.888	26
27	1.888	1.858	1.834	1.881	2.117	2.204	2.268	2.085	1.950E	1.818	1.783	1.888	27
28	1.887	1.858	1.831	1.883	2.122	2.208	2.264	2.084	1.950E	1.818	1.783	1.890	28
29	1.887		1.828	1.888	2.126	2.211	2.261	2.082	1.950E	1.808	1.788	1.890	29
30	1.891		1.829	1.903	2.128	2.216	2.258	2.077	1.950E	1.803	1.785E	1.888	30
31	1.891		1.829		2.127		2.254	2.087		1.788		1.891	31
MEAN	1.891	1.876	1.845	1.867	1.988	2.175	2.232	2.160	1.977	1.888	1.780	1.714	MEAN
MAX	1.894	1.883	1.854	1.903	2.127	2.216	2.280	2.248	2.082	1.848	1.798	1.783	MAX
MIN	1.887	1.858	1.828	1.827	1.717	2.127	2.188	2.087	1.948	1.798	1.783	1.888	MIN

WATER LEVELS IN METRES

MEAN, 1.881
MAXIMUM DAILY, 2.280 ON JUL 25
MINIMUM DAILY, 1.827 ON APR 3

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - MANUAL
LOCATION - LAT 54 03 05 N
LONG 125 45 19 W

E - ESTIMATED

NATURAL FLOW

FRASER RIVER ABOVE TEXAS CREEK - STATION NO. 08MF040

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	590	550	575	630E	1 670E	3 150	2 580	2 580	1 410	1 070	1 220	782	1
2	582	552	584	660E	1 640A	3 560	2 590	2 480	1 400	1 040	1 210	764	2
3	578	554	589	700E	1 590	3 750	2 680	2 430	1 400	1 010	1 380	702	3
4	577	554	610E	740E	1 590	3 670	2 720	2 410	1 450	980	1 510	648	4
5	577	555	625E	780E	1 590	3 420	2 670	2 480	1 480	958	1 490	579	5
6	578	554	640E	840E	1 610	3 180	2 600	2 490	1 880	946	1 440	559	6
7	578	552	650E	940E	1 630	2 940	2 580	2 430	1 800	952	1 410	5458	7
8	577	549	650E	1 100E	1 650	2 810	2 510	2 320	1 750	975	1 340	5308	8
9	578	544	640E	1 200E	1 700	3 020	2 470	2 280	1 680	991	1 280	5188	9
10	580	542	635E	1 300E	1 780	3 040	2 410	2 150	1 640	979	1 190	5008	10
11	580	540	630E	1 400E	1 780	2 980	2 380	2 130	1 560	934	1 150	488A	11
12	581	538	625E	1 300E	1 690	3 110	2 380	2 110	1 430	903	1 120	4808	12
13	581	541	620E	1 200E	1 600	3 310	2 360	2 150	1 320	878	1 070	4758	13
14	581	543	620E	1 100E	1 540	3 190	2 710	2 180	1 250	859	1 040	4698	14
15	581	542	650E	1 000E	1 510	2 980	3 250	2 210	1 190	840	1 020	4608	15
16	581	540	670E	980E	1 510	2 780	3 570	2 140	1 180	821	1 020	4558	16
17	578	537	690E	950E	1 530	2 680	3 580	2 110	1 190	815	1 010	4908	17
18	578	537	700E	970E	1 570	2 680	3 550	2 110	1 210	828	1 010	4858	18
19	573	539	720E	1 000A	1 650	2 740	3 410	2 090	1 290	830	1 030	440A	19
20	574	541	720E	1 100E	1 750	2 910	3 290	2 070	1 310	822	1 080	4418	20
21	572	545	715E	1 250E	1 780	3 180	3 150	2 080	1 270	807	1 040	442E	21
22	572	547	710E	1 400E	1 800	3 650	3 080	1 880	1 200	801	1 000	443A	22
23	575	552	700E	1 500E	1 880	3 830	3 090	1 740	1 150	804	950	438E	23
24	574	553	680E	1 580E	2 210	3 370	3 140	1 640	1 110	814	905	428E	24
25	567	558	650E	1 620E	2 240	3 090	3 070	1 540	1 090	835	884	421A	25
26	561	560	650E	1 630E	2 210	2 940	2 950	1 540	1 090	905	820	428E	26
27	557	565	640E	1 680E	2 280	2 890	2 850	1 500	1 080	882	808	431E	27
28	552	575	630E	1 700E	2 420	2 880	2 800	1 480	1 080	907	818	437A	28
29	548		620E	1 720E	2 530	2 770	2 820	1 480	1 080	1 080	822	438E	29
30	548		620E	1 700E	2 580	2 640	2 800	1 440	1 090	1 250	808	440E	30
31	551		615E		2 750		2 890	1 420		1 280		440E	31
TOTAL	17 758	15 357	20 097	35 610	57 350	93 020	88 640	62 920	39 790	28 618	32 802	15 573	TOTAL
MEAN	573	548	648	1 190	1 850	3 100	2 880	2 030	1 330	930	1 090	502	MEAN
MAX	590	575	720	1 720	2 750	3 750	3 570	2 580	1 800	1 280	1 510	782	MAX
MIN	548	537	579	630	1 510	2 640	2 380	1 420	1 090	801	808	421	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1 380
MAXIMUM DAILY, 3 750 ON JUN 3
MINIMUM DAILY, 421A ON DEC 25
MAXIMUM INSTANTANEOUS,
3 780 AT 18:10 PST ON JUN 22

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 36 50 N
LONG 121 51 10 W
DRAINAGE AREA, 152 000 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1952

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 530 000	JUL	7 880 000
FEB	1 330 000	AUG	5 440 000
MAR	1 740 000	SEP	3 440 000
APR	3 080 000	OCT	2 490 000
MAY	4 950 000	NOV	2 830 000
JUN	8 040 000	DEC	1 380 000

TOTAL DISCHARGE, 43 900 000 dam³

REMARKS - DRAINAGE AREA INCLUDES THE 14 000 km² BEHIND KENNEY DAM

FRASER RIVER AT HANSARD - STATION NO. 08KA004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	83.1B	79.8B	88.0B	1008	345	1 430	898	611	384	348	512	127 B	1
2	83.0B	79.3B	89.0B	1018	350	1 380	905	647	377	338	582	110 B	2
3	83.0B	78.5B	100 B	1018	355	1 250	830	685	485	331	505	95.0B	3
4	82.8B	78.4B	101 B	1048	368	1 100	785	694	532	328	457	88.0B	4
5	82.0B	78.0B	103 B	1088	372	980	788	685	682	348	431	95.5B	5
6	81.8B	77.9B	103 B	1078	383	915	792	581	587	373	407	93.0B	6
7	81.8B	77.0B	104 B	1098	422	958	778	588	512	388	380	92.0B	7
8	82.0B	78.0B	104 B	1118	473	1 050	758	545	478	383	358	90.0B	8
9	82.0B	78.5B	104 B	1158	481	1 010	742	523	438	338	341	90.0B	9
10	82.0B	78.0B	105 B	1188	446	1 100	885	526	385	327	318	89.5B	10
11	82.0B	78.5B	105 B	1218	402	1 200	847	584	348	318	295	89.0B	11
12	82.0B	80.0B	106 B	1278	358	1 110	783	595	324	309	284	88.5B	12
13	82.0B	80.3B	106 B	1318	338	994	1 050	602	305	303	277	89.0B	13
14	82.0B	81.2B	107 B	1338	336	907	1 150	544	284	300	270	88.0B	14
15	82.0B	82.0B	107 B	141	384	843	1 240	527	284	301	259	84.5B	15
16	82.0B	82.0B	107 B	142	382	848	1 250	568	335	304	253	83.5B	16
17	82.0B	84.0B	107 B	148	407	895	1 140	532	382	300	264	82.0B	17
18	82.0B	85.0B	107 B	180	445	983	1 020	508	385	192	288	80.5B	18
19	82.0B	86.0B	107 B	161	479	1 080	912	499	358	188	259	79.5B	19
20	81.8B	87.0B	108 B	214	484	1 230	838	489	334	185	247	78.0B	20
21	81 5B	89.0B	108 B	250	485	1 280	818	412	301	185	231	77.5B	21
22	81 0B	90.0B	108 B	312	851	1 080	818	383	287	184	210	76.5B	22
23	80.5B	91.0B	108 B	385	880	931	797	389	288	187	1858	76.0B	23
24	80.5B	92.0B	108 B	348	848	901	728	349	284	201	1808	75.5B	24
25	80.7B	93.0B	104 B	384	898	951	899	350	281	208	1788	75.0B	25
26	80.5B	84.0B	104 B	377	780	940	722	354	274	204	1788	75.0B	26
27	79.9B	85.0B	103 B	388	828	852	783	386	278	280	1708	76.0B	27
28	80.0B	86.0B	102 B	340	785	770	783	387	285	431	1678	75.5B	28
29	80.0B		101 B	327	822	724	710	387	289	405	1678	76.0B	29
30	80.0B		101 B	331	1 080	732	688	352	288	388	1388	76.5B	30
31	80.0B		101 B		1 330		636	386		371		77.0B	31
TOTAL	2 527.7	2 352.4	3 232.0	5 931	18 715	30 404	28 083	15 398	10 882	7 474	8 741	2 683.0	TOTAL
MEAN	81.5	84.0	104	198	539	1 010	841	497	382	241	281	85.9	MEAN
MAX	83.1	93.0	107	377	1 330	1 430	1 250	694	682	431	682	127	MAX
MIN	78.9	77.0	98.0	100	336	724	636	349	288	184	138	76.0	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 363
MAXIMUM DAILY, 1 430 ON JUN 1
MINIMUM DAILY, 75.0B ON DEC 26
MAXIMUM INSTANTANEOUS,
1 440 AT 20:40 PST ON JUN 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 04 43 N
LONG 121 50 52 W
DRAINAGE AREA, 18 000 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	218 000	JUL	2 250 000
FEB	303 000	AUG	1 330 000
MAR	378 000	SEP	838 000
APR	872 000	OCT	648 000
MAY	1 440 000	NOV	758 000
JUN	2 630 000	DEC	230 000

TOTAL DISCHARGE, 11 400 000 dam³

FRASER RIVER AT HOPE - STATION NO. 08MF005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	737	855	1 140	1 270	3 320	6 590	4 550	4 550	2 380	1 710	2 110	1 430	1
2	762	851	1 150	1 310	3 380	7 020	5 000	4 400	2 450	1 670	2 070	1 380	2
3	851	885	1 140	1 320	3 380	7 280	5 090	4 310	2 430	1 630	2 480	1 320	3
4	899	883	1 120	1 270	3 340	7 280	5 130	4 250	2 440	1 570	2 810	1 250	4
5	972	847	1 100	1 400	3 380	7 030	5 030	4 210	2 390	1 530	2 700	1 180	5
6	885	804	1 080	1 420	3 470	6 870	4 950	4 230	2 520	1 480	2 630	1 090	6
7	856	825	1 080	1 470	3 520	6 370	4 880	4 180	2 850	1 480	2 540	1 040	7
8	1 330	789	1 050	1 540	3 530	6 120	4 740	4 010	2 870	1 510	2 440	1 0008	8
9	1 110	784	1 240	1 710	3 570	6 110	4 630	3 900	2 750	1 530	2 300	9508	9
10	1 430	789	1 300	1 950	3 650	6 310	4 580	3 790	2 690	1 500	2 190	9508	10
11	1 340	849	1 280	2 020	3 790	6 120	4 570	3 720	2 680	1 480	2 210	9208	11
12	1 200	1 010	1 230	1 880	3 880	5 990	5 030	3 670	2 590	1 410	2 130	8998	12
13	1 140	1 050	1 210	1 730	3 980	6 180	5 010	3 710	2 300	1 370	2 020	8808	13
14	1 080	1 020	1 230	1 630	3 910	6 110	5 030	3 890	2 180	1 330	1 930	8758	14
15	1 050	974	1 270	1 550	3 880	5 890	5 010	3 720	2 080	1 330	2 130	8908	15
16	1 000	940	1 300	1 520	3 410	5 590	4 490	3 630	2 030	1 280	2 220	8208	16
17	957	882	1 340	1 520	3 440	5 480	4 480	3 580	2 020	1 280	2 110	7408	17
18	927	1 080	1 280	1 570	3 520	5 470	4 380	3 490	2 020	1 270	2 020	7108	18
19	917	1 050	1 270	1 870	3 630	5 420	5 110	3 480	2 080	1 280	1 980	6908	19
20	948	1 050	1 380	1 810	3 680	5 580	5 870	3 370	2 140	1 270	1 890	6908	20
21	982	1 040	1 380	1 990	4 180	5 810	5 590	3 280	2 110	1 280	1 930	6458	21
22	955	1 080	1 380	2 180	4 270	6 130	5 380	3 130	2 030	1 330	1 870	6408	22
23	938	1 080	1 340	2 340	4 420	6 440	5 280	2 940	1 930	1 310	1 790	6458	23
24	900	1 100	1 310	2 690	4 820	6 140	5 220	2 780	1 870	1 290	1 710	6508	24
25	822	1 100	1 280	2 940	5 070	5 800	5 250	2 610	1 810	1 310	1 840	6598	25
26	777	1 130	1 280	3 010	5 080	5 560	5 100	2 590	1 730	1 410	1 870	6858	26
27	827	1 140	1 230	3 080	5 150	5 480	4 870	2 510	1 770	1 510	1 820	6708	27
28	854	1 150	1 210	3 280	5 410	5 500	4 910	2 470	1 720	1 500	1 810	7008	28
29	874		1 200	3 210	5 820	5 350	4 880	2 430	1 680	1 540	1 800	7308	29
30	875		1 280	3 310	6 120	5 110	4 620	2 400	1 720	1 910	1 670	7558	30
31	888		1 290		6 300		4 880	2 380		2 230		7908	31
TOTAL	30 141	27 383	38 390	69 780	135 650	181 850	162 310	107 230	66 420	45 480	61 970	27 225	TOTAL
MEAN	972	977	1 240	1 990	4 080	6 060	5 240	3 480	2 210	1 470	2 060	878	MEAN
MAX	1 430	1 150	1 380	3 310	6 300	7 280	6 480	4 550	2 870	2 230	2 810	1 430	MAX
MIN	737	784	1 050	1 270	3 320	5 110	4 570	2 380	1 680	1 280	1 670	840	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2 580
MAXIMUM DAILY, 7 280 ON JUN 3
MINIMUM DAILY, 0008 ON DEC 22
MAXIMUM INSTANTANEOUS,
7 330 AT 06:28 PST ON JUN 4

REMARKS - DRAINAGE AREA INCLUDES THE 14 000 km² BEHIND KENNEY DAM

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 22 50 N
LONG 121 27 05 W
DRAINAGE AREA, 217 000 km²

B - ICE CONDITIONS

REGULATED SINCE 1982

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 600 000	JUL	14 000 000
FEB	2 360 000	AUG	9 270 000
MAR	3 320 000	SEP	5 740 000
APR	5 180 000	OCT	3 930 000
MAY	11 000 000	NOV	5 320 000
JUN	15 700 000	DEC	2 350 000

TOTAL DISCHARGE, 80 800 000 dam³

FRASER RIVER AT HOPE - STATION NO. 08MF005

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.384	3.462	3.721	3.837	5.315	7.180	6.283	6.057	4.894	4.308	4.500	3.978	1
2	3.390	3.468	3.724	3.871	5.344	7.404	6.310	5.973	4.741	4.174	4.483	3.937	2
3	3.423	3.462	3.720	3.884	5.362	7.643	6.359	5.917	4.727	4.143	4.747	3.877	3
4	3.477	3.459	3.699	3.926	5.333	7.540	6.382	5.881	4.738	4.102	4.989	3.814	4
5	3.503	3.418	3.677	3.957	5.305	7.613	6.327	5.850	4.775	4.082	4.913	3.733	5
6	3.478	3.387	3.658	3.985	5.413	7.220	6.283	5.858	4.857	4.033	4.888	3.673	6
7	3.573	3.395	3.641	4.014	5.448	7.088	6.243	5.829	5.013	4.027	4.804	3.621	7
8	3.588	3.381	3.624	4.078	5.450	6.832	6.184	5.744	5.026	4.050	4.727	3.615	8
9	3.592	3.385	3.606	4.210	5.478	6.829	6.103	5.674	4.966	4.083	4.635	3.631	9
10	3.578	3.381	3.593	4.384	5.523	7.031	6.075	5.609	4.907	4.045	4.587	3.642	10
11	3.596	3.420	3.628	4.435	5.557	6.933	6.072	5.571	4.887	4.008	4.571	3.681	11
12	3.773	3.593	3.780	4.318	5.528	6.881	6.326	5.536	4.776	3.960	4.514	3.535	12
13	3.716	3.633	3.782	4.226	5.488	6.954	6.315	5.580	4.636	3.925	4.433	3.527	13
14	3.674	3.595	3.801	4.144	5.428	6.828	6.547	5.867	4.550	3.895	4.373	3.594	14
15	3.629	3.554	3.633	4.085	5.383	6.785	6.818	5.568	4.479	3.879	4.516	3.649	15
16	3.580	3.518	3.683	4.081	5.374	6.840	7.078	5.515	4.438	3.858	4.647	3.689	16
17	3.537	3.572	3.686	4.081	5.388	6.879	7.112	5.486	4.435	3.862	4.496	3.810	17
18	3.507	3.671	3.822	4.101	5.444	6.872	7.067	5.427	4.433	3.840	4.432	3.843	18
19	3.487	3.627	3.832	4.178	5.514	6.847	6.827	5.405	4.483	3.844	4.408	3.673	19
20	3.528	3.636	3.837	4.283	5.588	6.834	6.782	5.382	4.520	3.840	4.396	3.380	20
21	3.548	3.622	3.834	4.416	5.628	6.758	6.660	5.302	4.501	3.821	4.372	3.336	21
22	3.535	3.638	3.820	4.536	5.606	6.938	6.520	5.193	4.442	3.885	4.328	3.543	22
23	3.518	3.673	3.808	4.667	5.583	7.088	6.475	5.076	4.376	3.877	4.267	3.707	23
24	3.478	3.734	3.674	4.804	5.214	6.862	6.491	4.984	4.328	3.881	4.208	3.728	24
25	3.389	3.738	3.648	5.072	5.348	6.783	6.469	4.898	4.288	3.877	4.154	3.635	25
26	3.334	3.709	3.618	5.117	5.347	6.813	6.384	4.833	4.288	3.884	4.089	3.470	26
27	3.395	3.715	3.604	5.176	5.398	6.877	6.298	4.788	4.283	4.084	4.052	3.513	27
28	3.427	3.724	3.785	5.283	5.536	6.887	6.282	4.788	4.212	4.060	4.048	3.612	28
29	3.448		3.773	5.312	5.785	6.903	6.242	4.730	4.184	4.078	4.045	3.598	29
30	3.480		3.825	5.315	6.830	6.372	6.214	4.708	4.222	4.388	4.014	3.494	30
31	3.462		3.830		7.028		6.134	4.690		4.883		3.421	31
MEAN	3.545	3.553	3.607	4.395	5.776	6.894	6.441	5.395	4.571	4.008	4.453	3.818	MEAN
MAX	3.779	3.736	3.837	5.315	7.028	7.543	7.112	6.057	5.026	4.883	4.985	3.978	MAX
MIN	3.284	3.385	3.634	3.837	5.315	6.372	6.072	4.690	4.184	3.831	4.014	3.338	MIN

WATER LEVELS IN METRES

MEAN, 6.710
MAXIMUM DAILY, 7.543 ON JUN 3
MINIMUM DAILY, 3.284 ON JAN 1
MAXIMUM INSTANTANEOUS,
7.557 AT 06:28 PST ON JUN 4

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 27.928 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

REMARKS - DRAINAGE AREA INCLUDES THE 14 000 km² BEHIND KENNEY DAM

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 22 50 N
LONG 121 27 05 W

REGULATED SINCE 1982

DRAINAGE AREA,
217 000 km²

FRASER RIVER AT MCBRIDE - STATION NO. 08KA005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	32.0B	27.9B	29.2B	32.4	72.2	634	434	454	286	114	197	55.0B	1
2	31.8B	27.7B	29.8B	33.3	72.6	634	393	446	326	110	188	53.0B	2
3	31.8B	27.4B	29.9B	34.0	76.8	614	423	443	359	107	181	52.0B	3
4	31.4B	27.3B	29.9B	33.3	75.3	431	431	382	306	117	185	51.0B	4
5	31.2B	27.8B	29.9B	32.1	80.1	372	418	385	280	112	180	50.0B	5
6	30.8B	27.8B	30.0B	34.1	88.1	381	407	375	233	107	148	49.8B	6
7	30.6B	27.9B	30.1B	34.6	101	410	413	363	221	104	132	48.9B	7
8	30.7B	27.9B	30.4B	35.5	104	387	378	372	181	103	124	48.9B	8
9	30.4B	28.0B	30.7B	34.2	93.7	452	376	388	177	99.5	118	47.9B	9
10	30.0B	27.8B	30.9B	34.6	84.6	450	376	443	180	93.7	114	46.8B	10
11	29.9B	28.0B	30.9E	31.3	80.3	401	373	431	185	92.1	109	45.5B	11
12	29.6B	28.1B	31.0E	31.5	76.8	356	493	378	147	91.5	107	46.0B	12
13	29.7B	28.2B	31.0E	31.8	86.8	317	495	380	143	92.0	105	45.5B	13
14	29.6B	28.3B	31.0E	31.9	91.4	326	433	423	185	90.0	98.0	45.0B	14
15	29.9B	28.2B	31.1E	32.8	103	373	533	375	180	87.8	96.5	44.5B	15
16	29.4B	28.1B	31.2E	34.0	113	384	464	349	180	86.4	98.0	44.0B	16
17	30.0B	28.1B	31.3E	36.2	121	438	438	324	184	83.7	95.0	43.5B	17
18	29.0B	28.1B	31.4E	38.3	119	444	415	288	146	82.7	94.6	43.2B	18
19	28.8B	28.0B	31.5E	40.7	116	399	412	254	136	81.2	93.4	42.8B	19
20	28.8B	28.3B	31.5E	45.0	130	372	430	228	131	81.0	88.0	42.0B	20
21	28.7B	28.7B	31.6E	53.7	148	328	431	222	128	81.8	82.4	41.0B	21
22	28.4B	29.0B	31.8E	59.2	167	326	390	221	128	82.1	78.7	40.0B	22
23	28.3B	28.8B	32.0E	57.8	172	371	382	223	129	85.2	77.0	39.7B	23
24	28.3B	29.0B	32.1E	58.5	203	384	393	229	131	84.7	74.0B	39.5B	24
25	28.3B	28.9B	32.2E	64.6	249	388	403	226	129	87.2	72.5B	39.2B	25
26	28.3B	29.0B	32.3E	86.0	263	382	442	227	143	126	71.0B	38.9B	26
27	28.1B	29.0B	33.4E	81.6	253	347	381	228	145	171	70.0B	38.5B	27
28	28.1B	29.1B	32.5	80.8	306	354	381	231	131	148	68.0B	38.0B	28
29	28.1B		31.3	87.0	410 E	378	370	241	122	142	82.0B	37.0B	29
30	28.2B		32.7	71.7	542	459	474E	251	117	140	67.0B	36.8B	30
31	28.2B		32.6		633		388	255		194		36.6B	31
TOTAL	910.1	780.3	966.2	1 308.6	5 236.2	12 072	13 125	9 996	5 380	3 283.6	3 157.4	1 371.3	TOTAL
MEAN	29.6	28.2	31.2	43.6	169	402	423	322	178	105	105	44.2	MEAN
MAX	32.0	29.1	32.7	71.7	633	634	533	454	365	194	197	55.0	MAX
MIN	28.1	27.3	29.2	31.3	72.2	317	381	221	117	81.0	57.0	36.6	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 158
MAXIMUM DAILY, 634 ON JUN 1
MINIMUM DAILY, 27.3B ON FEB 4

TYPE OF GAUGE - MANUAL
LOCATION - LAT 53 17 10 N
LONG 120 08 48 W
DRAINAGE AREA, 8 890 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	79 200	JUL	1 130 000
FEB	68 300	AUG	884 000
MAR	83 500	SEP	482 000
APR	113 000	OCT	284 000
MAY	452 000	NOV	273 000
JUN	1 040 000	DEC	118 000

TOTAL DISCHARGE, 4 970 000 dam³

FRASER RIVER AT MISSION - STATION NO. 08MH024

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1 180	1 810	2 080	1 850	3 700	7 740	5 930	5 480	2 720	2 100	2 580	2 170	1
2	1 240	1 800	1 950	1 970	3 730	8 050	5 900	5 270	2 820	2 070	2 480	2 130	2
3	1 300	1 830	2 020	1 940	3 750	8 420	5 040	5 025	2 840	1 950	2 940	2 080	3
4	1 300	1 830	2 010	1 950	3 690	8 480	5 050	4 910	2 800	1 940	3 830	1 880	4
5	1 810	1 470	1 880	1 940	3 730	8 330	5 980	4 850	3 010	1 850	3 570	1 750	5
6	1 480	1 430	1 780	1 950	3 780	8 000	5 880	4 840	3 020	1 780	3 480	1 740	6
7	1 450	1 440	1 770	1 910	3 870	7 710	5 780	4 800	3 230	1 780	3 320	1 680	7
8	2 430	1 330	1 650	2 020	3 810	7 420	5 810	4 820	3 280	1 810	3 220	1 630	8
9	2 050	1 310	1 930	2 030	3 900	7 290	5 450	4 480	3 180	1 780	3 080	1 540	9
10	2 690	1 340	2 310	2 200	3 980	7 480	5 290	4 400	3 100	1 840	2 770	1 700	10
11	2 940	1 280	2 340	2 390	4 020	7 590	5 310	4 300	3 150	1 710	2 820	1 430	11
12	3 350	1 670	2 200	2 320	4 040	7 280	6 780	4 270	2 980	1 730	2 840	1 330	12
13	2 070	2 080	2 150	2 190	3 970	7 280	7 180	4 240	2 820	1 710	2 730	1 310	13
14	1 920	1 980	2 220	2 130	3 920	7 330	7 580	4 270	2 800	1 640	2 700	1 480	14
15	1 850	1 820	2 190	2 010	3 890	7 120	7 710	4 210	2 900	1 800	2 850	1 460	15
16	1 700	1 820	2 050	2 000	3 830	6 880	7 890	4 140	3 410	1 480	4 040	1 530	16
17	1 590	1 780	2 120	2 010	3 850	6 700	8 010	4 050	3 390	1 520	3 870	1 3508	17
18	1 500	2 170	2 140	2 000	3 810	6 780	7 820	3 850	3 390	1 480	3 590	1 3008	18
19	1 450	2 000	2 110	2 140	4 010	6 720	7 590	3 890	3 380	1 500	3 250	1 2808	19
20	1 480	1 990	2 050	2 270	4 220	6 680	7 270	3 810	3 420	1 520	3 070	1 2408	20
21	1 520	1 880	2 080	2 380	4 520	6 610	7 010	3 890	3 480	1 410	3 020	1 2308	21
22	1 610	1 880	2 000	2 570	4 780	6 520	6 690	3 550	3 380	1 850	2 840	1 2208	22
23	1 520	2 100	1 900	2 650	4 900	7 270	6 490	3 370	3 330	1 780	2 790	1 2308	23
24	1 430	2 300	1 980	2 950	5 280	7 320	6 380	3 150	3 280	1 880	2 440	1 2408	24
25	1 420	2 280	1 880	3 220	5 730	8 900	6 370	3 000	3 180	1 880	2 830	1 2808	25
26	1 380	2 310	1 850	3 380	5 940	8 610	6 210	2 900	3 110	1 870	2 510	1 3008	26
27	1 480	2 180	1 880	3 400	6 080	8 420	6 040	2 840	3 140	1 820	2 500	1 3308	27
28	1 400	2 170	1 840	3 510	6 380	8 430	5 840	2 780	3 180	1 840	2 370	1 3808	28
29	1 430		1 750	3 620	6 650	8 380	5 810	2 780	3 080	1 780	2 190	1 4508	29
30	1 510		2 070	3 710	7 170	8 180	5 820	2 780	3 080	1 840	2 200	1 6008	30
31	1 480		1 900		7 500		5 850	2 850		2 850		1 780	31
TOTAL	51 740	50 130	62 050	73 810	142 870	218 420	199,630	123 240	73 880	54 540	88 370	48 810	TOTAL
MEAN	1 670	1 780	2 000	2 420	4 800	7 210	6 440	3 980	2 620	1 780	2 950	1 610	MEAN
MAX	3 940	2 300	2 340	3 710	7 500	8 480	8 010	5 480	3 390	2 580	4 040	2 170	MAX
MIN	1 180	1 280	1 650	1 850	3 690	6 180	5 200	2 850	2 080	1 410	2 190	1 220	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3 250
MAXIMUM DAILY, 8 480 ON JUN 4
MINIMUM DAILY, 1 150 ON JAN 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 07 35 N
LONG 122 18 08 W
DRAINAGE AREA, 228 000 km²

B - ICE CONDITIONS

REGULATED SINCE 1962

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	4 470 000	JUL	17 200 000
FEB	4 330 000	AUG	10 600 000
MAR	5 380 000	SEP	8 700 000
APR	8 270 000	OCT	4 710 000
MAY	12 300 000	NOV	7 060 000
JUN	18 700 000	DEC	4 040 000

TOTAL DISCHARGE, 102 000 000 dam³

REMARKS - DRAINAGE AREA INCLUDES 14 000 km² BEHIND KENNEY DAM. DISCHARGES COMPUTED USING A ONE DIMENSIONAL UNSTEADY FLOW MODEL

FRASER RIVER AT PORT MANN PUMPING STATION - STATION NO. 08MH128

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1 080A	1 850	2 380	1 900	4 280	8 080	8 340	8 870	2 730	2 120	2 800	2 380	1
2	1 270A	1 850	1 980	2 380	4 210	8 230	8 580	8 580	3 290	2 050	3 000	2 380	2
3	1 520	1 700	2 180	2 350	4 110	8 550	8 850	8 270	2 890	2 010	3 440	2 200	3
4	1 520	1 840	2 220	2 370A	4 210	8 700	8 450	8 070	2 800	2 180	4 240	1 990	4
5	1 890	1 810	2 030	2 380A	4 080	8 630	8 220	8 110	3 010	1 940	4 080	1 880	5
6	1 930	1 340	1 880	2 220	4 050	8 190	8 220	4 950	2 780	1 740	3 940	1 880	6
7	1 780	1 780	1 850	2 280	4 170	7 880	8 080	4 870	3 290	1 740	3 800	1 700	7
8	3 030	1 320	1 880	2 370	4 270	7 880	8 810	4 750	3 130	1 880	3 780	1 640	8
9	2 890	1 140	2 410	2 100	4 310	7 500	8 700	4 750	3 180	1 720	3 520	1 730	9
10	3 490	1 820	2 780	2 330	4 340	7 810	8 370	4 710	3 040	2 080	2 810	1 980	10
11	3 810	1 270	2 750	2 510	4 190	8 000	8 830	4 810	3 280	1 880	3 480	1 830	11
12	3 030	2 500	2 550	2 470	4 510	7 840	8 030	4 810	2 980	1 800	3 510	1 800	12
13	2 680	3 010	2 430	2 380	4 270	7 730	8 210	4 490	3 000	1 720	3 400	1 740	13
14	2 140	2 750	3 030	2 450A	4 180	7 640	8 470	4 570	2 800	1 810	3 550	1 880	14
15	2 030	2 440	2 540	2 230	4 180	7 830	8 580	4 580	2 390	1 800	3 950	1 810	15
16	1 730	2 530	1 820	2 240	4 240	7 630	8 190	4 400	2 310	1 420	5 750	1 840	16
17	1 780	1 880	2 130	2 520	4 400	7 870	8 380	4 340	2 380	1 510	5 250	1 8708	17
18	1 580	3 160	2 310	2 400	4 540	7 750	8 210	4 280	2 380	1 310	4 780	1 4508	18
19	1 770	2 420	2 240	2 440	4 510	7 470	7 850	4 180	2 380	1 300	3 720	1 3808	19
20	1 630	2 640	2 220	2 940	4 610	7 250	7 500	4 190	2 230	1 550	3 780	1 3408	20
21	1 700	2 510	2 330	3 030	4 710	7 170	7 210	3 860	2 490	1 410	3 880	1 3208	21
22	1 720	2 500	2 340	3 070	4 870	7 230	8 880	3 740	2 180	2 140	3 880	1 3008	22
23	1 880	2 580	2 180	2 970	4 980	7 420	8 730	3 700	2 180	2 220	3 830	1 2808	23
24	1 880	3 080	2 430	3 190	5 320	7 870	8 590	3 320	2 140	1 840	3 380	1 3003	24
25	1 880	2 950	2 220	3 570	5 830	7 940	8 870	3 080	2 070	1 430	3 420	1 3208	25
26	1 340	2 380	1 880	3 940	6 210	7 180	6 430	3 130	1 740	1 850	2 930	1 3808	26
27	1 880	2 850	1 880	3 930	6 430	6 900	5 280	2 970	2 190	2 250	3 320	1 4008	27
28	1 380	2 430	1 570	3 900	6 740	6 880	6 430	2 740	2 380	1 820	3 880	1 4508	28
29	1 120		1 590	4 090	6 930	6 710	6 300	3 180	2 020	1 850	2 880	1 5508	29
30	1 700		2 510	4 270	7 810	6 590	6 000	3 070	2 080	2 180	2 330	1 7008	30
31	1 880		2 280		7 880		5 870	2 800		3 100		1 930	31
TOTAL	80 030	61 300	88 880	83 580	153 330	229 490	212 380	129 880	77 750	57 430	105 110	80 880	TOTAL
MEAN	1 840	2 190	2 220	2 780	4 850	7 650	6 850	4 180	2 590	1 850	3 540	1 840	MEAN
MAX	3 810	3 180	3 030	4 270	7 880	8 700	8 870	8 870	3 290	3 100	5 750	2 380	MAX
MIN	1 080	1 140	1 870	1 900	4 080	6 590	5 370	2 800	1 740	1 300	2 320	1 280	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3 540
MAXIMUM DAILY, 8 870 ON JUL 14
MINIMUM DAILY, 1 080A ON JAN 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 13 04 N
LONG 122 48 37 W
DRAINAGE AREA, 232 000 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED SINCE 1952

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	8 190 000	JUL	18 300 000
FEB	8 300 000	AUG	11 100 000
MAR	8 850 000	SEP	8 720 000
APR	7 220 000	OCT	4 980 000
MAY	13 200 000	NOV	9 170 000
JUN	19 800 000	DEC	6 410 000

TOTAL DISCHARGE, 111 000 000 dam³

REMARKS - THIS STATION IS SUBJECT TO TIDAL EFFECT. DISCHARGES ARE COMPUTED USING A ONE DIMENSIONAL UNSTEADY FLOW MODEL

FRASER RIVER AT QUESNEL - STATION NO. 08KE002

DAILY WATER LEVEL IN METRES FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.480E	3.312	3.588	3.670E	4.860E	5.338	---	---	---	---	---	3.500E	1
2	3.460E	3.388	3.812	3.730E	4.891	5.558	---	---	---	---	4.584	3.420E	2
3	3.470E	3.414	3.588	3.780E	4.824	5.488	---	---	---	---	4.788	3.380E	3
4	3.448	3.438	3.558	3.850E	4.820	5.140E	---	---	---	---	4.688	3.270E	4
5	3.388	3.450E	3.600E	3.980	4.872	5.870E	---	---	---	---	4.890E	3.238	5
6	3.504	3.450E	3.470E	4.080E	4.870	5.828	---	---	---	---	4.520E	3.310	6
7	3.458	3.434	3.438	4.184	4.820E	5.718	---	---	---	---	4.458	3.324	7
8	3.450E	3.400	3.432	4.234	4.830E	5.874	---	---	---	---	4.318	3.242	8
9	3.450E	3.348	3.488	4.270E	5.072	6.000	---	---	---	---	4.288	3.110	9
10	3.444	3.340	3.430	4.300E	5.084	5.848	---	---	---	---	4.200	3.140E	10
11	3.488	3.412	3.483	4.358	4.874	5.800E	---	---	---	---	4.180E	3.200E	11
12	3.494	3.330E	3.600E	4.200	4.838	5.850E	---	---	---	---	4.110E	3.308	12
13	3.498	3.320E	3.550E	4.074	4.738	5.780E	---	---	---	---	4.050E	3.382	13
14	3.448	3.312	3.592	3.881	4.710E	5.674	---	---	---	---	3.998	3.380	14
15	3.450E	3.382	3.888	3.938	4.700E	5.738	---	---	---	---	3.978	3.408	15
16	3.460E	3.336	3.750	3.990E	4.744	5.842	---	---	---	---	3.958	3.394	16
17	3.488	3.388	3.778	4.070E	4.788	5.730E	---	---	---	---	3.948	3.370E	17
18	3.462	3.384	3.784	4.148	4.888	5.820E	---	---	---	---	4.040	3.200E	18
19	3.472	3.420E	3.780E	4.238	4.788	5.840E	---	---	---	---	4.040E	3.208	19
20	3.472	3.460E	3.760E	4.428	5.004	6.178	---	---	---	3.700	3.990E	3.178	20
21	3.382	3.488	3.740	4.588	5.150E	6.400E	6.041	---	---	---	3.948	3.198	21
22	3.380E	3.484	3.688	4.724	5.250E	6.700	---	---	---	---	3.888	---	22
23	3.390E	3.484	3.648	4.830E	5.340E	6.298	---	---	---	---	3.780	---	23
24	3.420	3.498	3.582	4.810E	5.438	6.000E	---	4.534	---	---	3.700	---	24
25	3.388	3.530	3.648	4.884	5.382	5.877	---	---	---	---	3.688	---	25
26	3.328	3.580E	3.540E	5.088	5.398	5.900E	---	---	---	---	3.690E	---	26
27	3.326E	3.560E	3.520E	5.004	5.512	5.980	---	---	---	---	3.690E	---	27
28	3.330E	3.618	3.514	4.902	5.580E	5.720	---	---	---	---	3.672	---	28
29	3.340E		3.532	4.801	5.800E	5.630E	---	---	---	---	3.686	---	29
30	3.370E		3.580	4.630E	5.823	5.800	---	---	---	---	3.692	---	30
31	3.388		3.808		5.984		---	---	---	---		---	31
MEAN	3.429	3.426	3.587	4.338	5.082	5.973	---	---	---	---	---	---	MEAN
MAX	3.504	3.618	3.784	5.088	5.984	6.700	---	---	---	---	---	---	MAX
MIN	3.320	3.312	3.430	3.670	4.700	5.800	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - MANUAL
LOCATION - LAT 52 58 26 N
LONG 122 29 52 W

E - ESTIMATED

REGULATED SINCE 1952

DRAINAGE AREA, 87 900 km²

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 481.772 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

REMARKS - DRAINAGE AREA INCLUDES THE 14 000 km² BEHIND KENNEY DAM

FRASER RIVER AT RED PASS - STATION NO. 08KA007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.30E	5.16	5.60	4.88E	13.0E	195	114 E	98.5	53.0E	27.1	44.1	11.6	1
2	7.28E	4.73	5.57	4.62E	13.5	179	117 E	99.6	56.5E	24.7	44.6	10.7	2
3	7.26E	4.85E	5.36	4.82E	14.2	180	120 E	101	58.0E	24.8	42.4	10.5	3
4	7.24E	5.00E	5.39	4.82E	14.7	165 E	124	92.8	55.0	24.9	39.9	10.3	4
5	7.19	5.30E	5.48E	4.80E	15.2	130 E	121	86.6	55.0	24.7	37.4	10.0	5
6	6.02	5.58E	5.51E	4.58E	15.7	115	117	84.0E	55.4	23.5	35.3	10.3	6
7	5.89	5.63	5.48	4.59E	16.7E	119	112	81.0	52.0	22.7	33.1	9.70E	7
8	6.40E	5.54	5.45	4.80E	19.0E	122	107	78.3	48.5	21.6	31.0	9.60E	8
9	5.55E	5.39	5.68E	4.63E	20.6	128	102 E	81.7	43.8	20.3	30.0	9.45E	9
10	7.46	5.27	5.81	4.80E	20.5	134	90.0E	83.5	41.1	19.1	28.8	9.90E	10
11	7.40E	5.08	5.72	4.73E	19.8	126 E	95.6	86.2	38.1	17.8	26.9	9.85	11
12	6.68	5.20E	5.74E	4.80E	19.5	114 E	131	88.4	35.4	17.3	24.4	10.2	12
13	6.88	5.60E	5.70E	4.85E	19.5	103	162	88.9	33.7	16.9	23.2	9.80	13
14	6.86	5.84	5.68E	4.83E	20.0E	89.0	188	87.9	33.0	16.0	21.8	9.41	14
15	6.85E	5.80	5.67	5.00E	23.0E	104	157	89.3	33.6	15.8	21.0	9.20	15
16	6.85E	5.48	5.24	5.02E	28.4	109	145 E	83.8	34.3	15.4	20.5	8.85	16
17	6.88E	5.45	4.84	5.10E	29.7	120 E	132 E	77.2	34.7	15.2	19.8	8.38	17
18	6.69	5.75	5.33	5.18	30.8	126 E	123	71.7	34.9	14.9	19.1	8.89	18
19	6.59	5.78E	5.27	5.45	31.9	122 E	118	67.5	32.8	14.7	18.1	8.84	19
20	6.62	5.75E	5.39E	5.08	33.1	113	111	63.2	30.3	14.4	17.1	8.50	20
21	6.71	5.66	5.29	6.82	36.0E	104	108	66.0	29.6	14.1	15.8	8.84	21
22	6.23	5.51	5.51	7.46	40.0E	101	103	63.3	28.9	14.4	14.8	8.84	22
23	6.20E	5.54	5.48	8.10E	45.6	105	100 E	60.3	28.4	14.7	13.7	8.67	23
24	6.18E	5.63	5.60	9.31	55.3	117	102 E	49.6	27.7	14.8	13.4	8.50	24
25	6.06	5.60	5.57	10.1	70.5	115 E	105	46.1	28.4	15.9	13.2	8.38	25
26	6.26	5.68E	5.58E	10.4	80.4	112 E	113	46.9	30.3	17.9	13.0	8.22	26
27	6.26	5.60E	5.38E	10.8	85.2	108	109	46.4	31.4	21.7	12.8	8.01	27
28	6.23	5.54	5.19E	11.2	85.0E	105	99.6	47.5E	33.0	44.3	12.8	7.87	28
29	6.06		5.16	11.8 E	115 E	111	95.2	48.5E	31.4	44.8	12.7	7.81	29
30	5.85E		4.75E	12.5 E	167	113	96.0E	49.5E	29.0	44.1	12.8	7.55	30
31	5.60E		4.72E		183		98.0E	50.5E		43.7		7.43	31
TOTAL	205.86	152.71	168.20	195.69	1 400.2	3 855.0	3 594.6	2 233.7	1 157.9	692.1	713.1	282.85	TOTAL
MEAN	6.64	5.45	5.43	6.52	45.2	122	116	72.1	38.6	22.3	23.8	9.12	MEAN
MAX	7.46	5.84	5.81	12.5	183	195	188	101	58.0	44.8	44.6	11.6	MAX
MIN	5.60	4.73	4.72	4.58	13.0	89.0	90.0	46.4	27.7	14.1	12.8	7.43	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 39.6
MAXIMUM DAILY, 195 ON JUN 1
MINIMUM DAILY, 4.58E ON APR 6

TYPE OF GAUGE - MANUAL
LOCATION - LAT 52 58 55 N
LONG 119 00 15 W
DRAINAGE AREA, 1 700 km²

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	17 600	JUL	311 000
FEB	13 200	AUG	193 000
MAR	14 500	SEP	100 000
APR	16 900	OCT	59 800
MAY	121 000	NOV	61 800
JUN	316 000	DEC	24 400

TOTAL DISCHARGE, 1 250 000 dam³

FRASER RIVER AT SHELLEY - STATION NO. 08KB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1888	1868	2288	2808	812	2 200	1 310	974	539	443	825	2008	1
2	1858	1878	2348	2558	882	2 180	1 390	974	548	417	953	2858	2
3	1838	1588	2418	2688	874	2 000	1 340	1 010	588	408	911	2508	3
4	1838	1588	2488	2618	905	1 770	1 250	1 050	773	401	882	2388	4
5	1828	1808	2808	2828	930	1 580	1 220	1 000	834	418	844	2358	5
6	1828	1818	2528	2828	932	1 500	1 220	922	874	445	781	2258	6
7	1818	1828	2538	2868	881	1 700	1 230	857	881	457	884	2238	7
8	1818	1828	2568	2708	1 070	1 720	1 280	818	818	458	832	2208	8
9	1808	1838	2588	2738	1 080	1 630	1 200	801	787	443	883	2198	9
10	1808	1848	2808	2788	985	1 730	1 140	788	688	418	853	2188	10
11	1808	1858	2828	2828	887	1 880	1 080	821	584	394	822	2178	11
12	1808	1878	2838	2888	801	1 880	1 240	872	558	372	484	2138	12
13	1808	1888	2828	2858	781	1 710	1 870	881	524	370	487	2108	13
14	1808	1718	2838	3068	784	1 530	1 840	832	504	387	477	2088	14
15	1598	1738	2838	3188	784	1 400	1 930	784	507	384	470	2048	15
16	1588	1748	2838	330E	814	1 380	1 940	783	531	385	488	2018	16
17	1588	1788	2838	343E	870	1 380	1 880	809	535	384	488	1988	17
18	1578	1788	2818	358E	930	1 460	1 730	827	553	384	508	1958	18
19	1568	1828	2808	378E	988	1 620	1 580	819	550	383	506	1828	19
20	1568	1848	2588	388E	948	2 000	1 410	783	508	382	478	1818	20
21	1568	1878	2578	420E	1 080	2 180	1 380	783	538	382	443	1898	21
22	1568	1818	2548	440E	1 300	1 930	1 420	889	515E	371	405	1888	22
23	1558	1948	2528	480E	1 300	1 880	1 330	848	500E	437	372	1848	23
24	1558	1988	2508	520E	1 280	1 830	1 230	829	485E	484	381	1828	24
25	1558	2028	2488	585E	1 270	1 810	1 180	822	480E	428	334	1818	25
26	1558	2068	2488	630E	1 350	1 810	1 150	598	492E	418	3288	1808	26
27	1558	2128	2478	720E	1 420	1 480	1 220	584	485E	588	3248	1788	27
28	1558	2188	2488	850A	1 380	1 320	1 230	571	509	748	3228	1778	28
29	1558		2488	920	1 390	1 220	1 170	551	504	748	3208	1768	29
30	1558		2488	928	1 880	1 210	1 080	538	486	681	3148	1738	30
31	1558		2488		2 000		1 010	538		648		1728	31
TOTAL	4 918	4 948	7 836	12 498	33 480	50 080	42 340	24 033	18 023	13 881	16 030	8 402	TOTAL
MEAN	159	177	253	417	1 080	1 670	1 370	775	601	447	534	287	MEAN
MAX	188	218	283	858	2 000	2 200	1 940	1 080	874	748	953	388	MAX
MIN	155	198	228	288	781	1 210	1 010	538	486	382	314	172	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 842
MAXIMUM DAILY, 2 200 ON JUN 1
MINIMUM DAILY, 1858 ON JAN 22
MAXIMUM INSTANTANEOUS,
2 220 AT 22:20 PST ON JUN 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 00 40 N
LONG 122 37 00 W
DRAINAGE AREA, 32 400 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	425 000	JUL	3 680 000
FEB	427 000	AUG	2 080 000
MAR	877 000	SEP	1 580 000
APR	1 080 000	OCT	1 200 000
MAY	2 880 000	NOV	1 280 000
JUN	4 220 000	DEC	553 000

TOTAL DISCHARGE, 20 300 000 dam³

FRASER RIVER AT SOUTH FORT GEORGE - STATION NO. 08KE018

DAILY WATER LEVEL IN METRES FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.814	3.369	3.553	3.819	5.320E	7.251	6.108	5.037	4.774	4.335	5.098	3.801	1
2	3.579	3.330	3.530	3.908	5.310A	7.262	6.228	5.025	4.705	4.284	5.358	3.407	2
3	3.521	3.302	3.487	4.007	5.260A	7.018	6.189	6.014	4.643	4.218	5.275	3.258	3
4	3.447	3.295	3.444	4.058	5.320A	6.710	6.071	6.127	5.218	4.213	5.185	3.201	4
5	3.397	3.273	3.408	4.138	5.370A	6.448	6.030	6.103	5.490	4.287	5.158	3.243	5
6	3.418	3.245	3.373	4.263	5.380A	6.268	6.034	5.888	5.474	4.371	5.018	3.380	6
7	3.431	3.249	3.368	4.438	5.480E	6.162	6.028	5.828	5.368	4.308	4.847	3.317	7
8	3.418	3.222	3.322	5.011	5.580E	6.030	6.112	5.726	5.378	4.344	4.728	3.231	8
9	3.424	3.207	3.328	4.930A	5.680A	5.908	6.024	5.857	5.197	4.270	4.542	3.084	9
10	3.428	3.213	3.328	4.740A	5.580A	5.824	5.919	5.801	4.991	4.204	4.545	3.148	10
11	3.434	3.224	3.370	4.520A	5.410A	5.868	5.830	5.837	4.810	4.155	4.454	3.215	11
12	3.397	3.224	3.440	4.380A	5.250A	5.925	5.875	5.722	4.676	4.108	4.372	3.236	12
13	3.386	3.234	3.521	4.220A	5.160A	5.871	5.870	5.784	4.587	4.088	4.383	3.380	13
14	3.386	3.250	3.593	4.120A	5.133	5.617	7.017	5.770	4.545	4.038	4.335	3.457	14
15	3.386	3.281	3.655	4.100A	5.177	5.227	7.082	5.715	4.593	4.041	4.304	3.450	15
16	3.383	3.343	3.702	4.200E	5.235	5.158	7.072	5.711	4.666	4.078	4.323	3.435	16
17	3.342	3.396	3.751	4.300E	5.328	5.198	7.043	5.711	4.650	4.068	4.371	3.426	17
18	3.352	3.406	3.786	4.390A	5.438	5.320	6.884	5.752	4.912	4.033	4.427	3.701E	18
19	3.381	3.399	3.787	4.650A	5.506	5.510	6.670	5.677	4.835	4.018	4.412	3.978E	19
20	3.387	3.398	3.751	4.890A	5.483	5.695	6.527	5.502	4.700	4.034	4.342	4.251E	20
21	3.378	3.393	3.693	5.010A	5.503	7.301	6.488	5.332	4.575	4.051	4.238	4.528A	21
22	3.337	3.399	3.630	5.270A	6.000	7.021	6.614	5.170	4.488	4.088	4.088	4.551	22
23	3.311	3.394	3.565	5.350E	6.021	6.821	6.891	5.050	4.488	4.328	3.972	4.532	23
24	3.320	3.395	3.531	5.430E	5.956	6.406	6.678	4.974	4.451	4.310	3.883	4.443	24
25	3.324	3.415	3.481	5.530A	5.958	6.489	6.345	4.928	4.448	4.244	3.873	4.383	25
26	3.320	3.457	3.466	5.700A	6.071	6.544	6.285	4.907	4.421	4.198	3.900	4.358	26
27	3.342	3.530	3.476	5.800A	6.187	6.337	6.279	4.888	4.458	4.230	3.918	4.361	27
28	3.398	3.550	3.497	5.630A	6.119	6.182	6.382	4.861	4.548	4.278	3.888	4.306	28
29	3.347		3.538	5.340A	6.115	6.023	6.298	4.838	4.474	4.294	3.868	4.269	29
30	3.353		3.613	5.330E	6.467	5.978	6.157	4.813	4.416	4.213	3.778	4.219	30
31	3.388		3.692		6.950		6.018	4.782		4.750		4.178	31
MEAN	3.430	3.335	3.537	4.709	5.640	6.585	6.367	5.487	4.782	4.269	4.431	3.768	MEAN
MAX	3.820	3.550	3.787	5.700	6.950	7.301	7.072	6.127	5.490	4.994	5.358	4.551	MAX
MIN	3.311	3.207	3.323	3.819	5.133	5.978	5.830	4.782	4.416	4.018	3.778	3.054	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1983

MEAN, 4.703
MAXIMUM DAILY, 7.301 ON JUN 21
MINIMUM DAILY, 3.054 ON DEC 9
MAXIMUM INSTANTANEOUS,
7.357 AT 04:42 PST ON JUN 21

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 54 04 N
LONG 122 44 00 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED SINCE 1952

DRAINAGE AREA,
79 500 km²

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 657.784 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

REMARKS - DRAINAGE AREA INCLUDES THE 14 000 km² BEHIND KENNEY DAM

FRASER RIVER NEAR AGASSIZ - STATION NO. 08MF035

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	852	1 000	1 280	1 380	3 390	5 500	4 820	4 490	2 620	1 880	2 230	1 560	1
2	848	1 020	1 280	1 420	3 320	5 920	4 680	4 350	2 590	1 830	2 160	1 530	2
3	982	1 000	1 260	1 430	3 330	7 250	4 950	4 230	2 580	1 790	2 150	1 480	3
4	1 010	989	1 240	1 480	3 300	7 270	4 890	4 180	2 580	1 750	2 090	1 380	4
5	1 060	955	1 210	1 500	3 330	7 010	4 900	4 150	2 600	1 700	2 000	1 310	5
6	1 040	918	1 190	1 540	3 410	6 810	4 840	4 150	2 700	1 680	2 730	1 230	6
7	1 100	938	1 170	1 580	3 470	6 280	4 770	4 120	2 800	1 650	2 640	1 170	7
8	1 030	913	1 180	1 630	3 480	6 020	4 820	4 000	2 930	1 670	2 560	1 100E	8
9	1 220	901	1 320	1 780	3 510	5 970	4 820	3 880	2 840	1 680	2 410	1 090E	9
10	1 870	906	1 480	2 000	3 570	5 200	4 480	3 810	2 800	1 680	2 310	1 080E	10
11	1 740	954	1 420	2 110	3 650	5 050	4 520	3 720	2 780	1 810	2 310	1 010E	11
12	1 480	1 130	1 380	1 980	3 610	5 040	5 140	3 680	2 650	1 580	2 300	990E	12
13	1 380	1 180	1 340	1 840	3 630	5 000	5 050	3 890	2 480	1 520	2 180	955E	13
14	1 280	1 180	1 280	1 730	3 480	5 020	5 430	3 880	2 330	1 490	2 090	970E	14
15	1 230	1 130	1 280	1 680	3 410	5 770	5 880	3 700	2 230	1 480	2 240	1 000E	15
16	1 180	1 090	1 410	1 620	3 380	5 480	5 330	3 640	2 170	1 440	2 520	930E	16
17	1 130	1 120	1 480	1 610	3 390	5 340	5 450	3 580	2 170	1 420	2 390	870E	17
18	1 080	1 240	1 470	1 680	3 470	5 330	5 330	3 510	2 170	1 410	2 190	820E	18
19	1 070	1 190	1 480	1 740	3 570	5 280	5 080	3 480	2 180	1 420	2 150	790E	19
20	1 080	1 180	1 480	1 870	3 800	5 430	5 830	3 400	2 270	1 410	2 110	800E	20
21	1 110	1 170	1 480	2 040	4 080	5 640	5 570	3 300	2 350	1 480	2 070	780E	21
22	1 100	1 180	1 470	2 200	4 180	5 880	5 310	3 180	2 180	1 480	2 020	780E	22
23	1 070	1 230	1 480	2 380	4 280	5 340	5 180	3 030	2 110	1 470	1 940	780E	23
24	1 040	1 300	1 430	2 580	4 340	5 080	5 230	2 880	2 030	1 430	1 870	770E	24
25	983	1 310	1 400	2 840	4 530	5 700	5 170	2 780	1 980	1 440	1 810	780E	25
26	915	1 280	1 360	3 010	4 840	5 430	5 060	2 680	1 950	1 530	1 730	810E	26
27	888	1 280	1 350	3 080	5 000	5 320	4 890	2 640	1 940	1 580	1 680	820E	27
28	888	1 280	1 320	3 190	5 280	5 380	4 810	2 580	1 900	1 650	1 680	820E	28
29	909		1 310	3 270	5 580	5 220	4 780	2 580	1 850	1 580	1 640	850E	29
30	1 000		1 380	3 280	5 800	5 000	4 780	2 530	1 830	1 580	1 610	840E	30
31	988		1 370		5 950		4 820	2 500		2 330		900E	31
TOTAL	35 637	30 832	41 970	81 530	134 580	178 850	160 140	108 030	70 500	50 010	65 640	31 000	TOTAL
MEAN	1 140	1 100	1 350	2 080	4 020	5 880	5 170	3 480	2 350	1 610	2 190	1 000	MEAN
MAX	1 870	1 310	1 480	3 280	6 250	7 270	6 480	4 490	2 930	2 330	2 650	1 560	MAX
MIN	848	901	1 180	1 380	3 290	5 000	4 680	2 500	1 830	1 400	1 610	760	MIN

DISCHARGES IN CUBIC METRES PER SECOND

SUMMARY FOR THE YEAR 1983

MEAN, 2 830
MAXIMUM DAILY, 7 270 ON JUN 4
MINIMUM DAILY, 760E ON DEC 22
MAXIMUM INSTANTANEOUS,
7 330 AT 06:03 PST ON JUN 4

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 12 15 N
LONG 121 46 36 W
DRAINAGE AREA, 218 000 km²

B - ICE CONDITIONS

REGULATED SINCE 1952

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	3 060 000	JUL	13 800 000
FEB	2 670 000	AUG	9 330 000
MAR	3 630 000	SEP	6 080 000
APR	8 320 000	OCT	4 320 000
MAY	10 000 000	NOV	5 670 000
JUN	15 400 000	DEC	2 880 000

TOTAL DISCHARGE, 82 800 000 dam³

REMARKS - DRAINAGE AREA INCLUDES THE 14 000 km² BEHIND KENNEY DAM

FRASER RIVER NEAR MARGUERITE - STATION NO. 08HC018

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3900	3800	4500	588	1 420	2 780	2 200	2 140	1 110	874	1 050E	804	1
2	3900	3800	4570	804	1 410	2 950	2 250	2 080	1 100	838	1 000E	560	2
3	3900	3800	4700	632	1 390	2 990	2 350	2 020	1 110	802	1 100E	800	3
4	3900	3800	4800	850	1 350	2 840	2 350	2 100	1 130	778	1 200E	480E	4
5	3900	3800	5000	880	1 380	2 620	2 240	2 130	1 280	766	1 300E	460E	5
6	3900	3800	5200	712	1 420	2 420	2 180	2 100	1 480	798	1 250E	440E	6
7	3900	3800	5200	814	1 440	2 280	2 180	2 000	1 480	828	1 190	440E	7
8	3900	3600	520E	1 040	1 480	2 490	2 140	1 980	1 400	844	1 100E	440E	8
9	3900	3800	510E	1 180	1 550	2 520	2 200	1 790	1 400	826	1 050E	430E	9
10	3890	3800	500E	1 150	1 610	2 480	2 110	1 710	1 280	790	1 000E	420B	10
11	2890	3750	500E	1 040	1 530	2 500	2 020	1 680	1 200	764	950E	410B	11
12	3690	3750	500E	916	1 440	2 780	1 980	1 680	1 120	730	920E	400B	12
13	3900	3750	515E	632	1 340	2 750	2 230	1 720	1 110	700	900E	390B	13
14	3900	3750	528	767	1 290	2 590	2 050	1 770	1 010	684	886	390B	14
15	3910	3750	536	716	1 280	2 390	2 090	1 750	970	678	879	385B	15
16	3910	3800	586	706	1 310	2 250	2 090	1 700	988	688	868	380B	16
17	3920	3800	606	736	1 330	2 200	3 080	1 590	1 040	680	868	375B	17
18	3920	3850	620	798	1 410	2 280	3 040	1 680	1 080	680	892	375B	18
19	3910	3850	624	868	1 480	2 470	2 880	1 700	1 130	668	910	370B	19
20	3910	3850	624	1 010	1 530	2 640	2 700	1 670	1 100	684	910	370B	20
21	3900	3900	604	1 130	1 520	3 010	2 610	1 580	1 050	680	874	370B	21
22	3890	3950	578	1 220	1 580	3 220	2 810	1 440	980	672	814	370B	22
23	3880	4000	552	1 280	1 820	2 890	2 890	1 320	940	680	786	365B	23
24	3870	4000	526	1 480	1 950	2 590	2 880	1 260	918	738	695	365B	24
25	3880	4100	516	1 490	1 900	2 500	2 570	1 220	910	784	686	360B	25
26	3840	4200	500E	1 520	1 930	2 500	2 480	1 190	904	754	856	360B	26
27	3830	4300	490E	1 810	2 030	2 550	2 480	1 170	892	748	850	360B	27
28	3830	4400	490E	1 540	2 120	2 420	2 480	1 160	880	856	880	360B	28
29	3820		495	1 450	2 100	2 260	2 480	1 180	940	1 120	844	360B	29
30	3800		504	1 400	2 080	2 170	2 380	1 130	898	1 150	838	370B	30
31	3800		536		2 450		2 260	1 130		1 080		380B	31
TOTAL	12 037	10 878	16 388	30 637	49 980	77 500	78 820	50 770	32 818	24 284	27 307	12 638	TOTAL
MEAN	388	388	528	1 020	1 610	2 580	2 470	1 640	1 090	783	910	408	MEAN
MAX	392	440	624	1 610	2 480	3 220	3 090	2 140	1 480	1 150	1 300	804	MAX
MIN	380	375	450	588	1 280	2 170	1 980	1 130	880	880	838	360	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1 180
MAXIMUM DAILY, 3 220 ON JUN 22
MINIMUM DAILY, 3608 ON DEC 26

TYPE OF GAUGE - MANUAL
LOCATION - LAT 52 31 48 N
LONG 122 28 32 W
DRAINAGE AREA, 114 000 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1952

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 040 000	JUL	6 820 000
FEB	940 000	AUG	4 390 000
MAR	1 410 000	SEP	2 840 000
APR	2 850 000	OCT	2 100 000
MAY	4 320 000	NOV	2 360 000
JUN	6 700 000	DEC	1 090 000

TOTAL DISCHARGE, 35 500 000 dam³

REMARKS - DRAINAGE AREA INCLUDES THE 14 000 km² BEHIND KENNEY DAM

FRENCH CREEK AT COOMBS - STATION NO. 08HB038

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	2.20	0.700	0.098	0.139	0.047	0.018	---	---	---	1
2	---	---	---	2.20	0.630	0.098	0.172	0.047	0.021	---	---	---	2
3	---	---	---	2.00	0.580	0.098	0.132	0.046	0.024	---	---	---	3
4	---	---	---	1.50	0.580	0.084	0.115	0.044	0.019	---	---	---	4
5	---	---	---	1.32	0.500	0.075	0.101	0.041	0.018	---	---	---	5
6	---	---	---	1.15	0.530	0.073	0.087	0.035	0.018	---	---	---	6
7	---	---	---	1.05	0.470	0.070	0.080	0.034	0.013	---	---	---	7
8	---	---	---	1.00	0.530	0.080	0.101	0.032	0.013	---	---	---	8
9	---	---	---	0.820	0.530	0.083	0.098	0.028	0.014	---	---	---	9
10	---	---	---	1.08	0.470	0.122	0.101	0.024	0.020	---	---	---	10
11	---	---	---	1.08	0.410	0.172	1.45	0.021	0.055	---	---	---	11
12	---	---	---	0.820	0.355	0.280	0.860	0.019	0.048	---	---	---	12
13	---	---	---	0.840	0.330	0.188	0.952	0.019	0.035	---	---	---	13
14	---	---	---	0.770	0.330	0.122	0.630	0.018	0.028	---	---	---	14
15	---	---	---	0.700	0.880	0.108	0.470	0.015	0.021	---	---	---	15
16	---	---	---	0.680	0.630	0.087	0.380	0.014	0.021	---	---	---	16
17	---	---	---	0.630	0.518	0.115	0.305	0.012	0.020	---	---	---	17
18	---	---	---	0.630	0.580	0.108	0.208	0.009	0.021	---	---	---	18
19	---	---	---	0.700	0.470	0.139	0.172	0.011	0.047	---	---	---	19
20	---	---	---	0.770	0.410	0.108	0.138	0.009	0.041	---	---	---	20
21	---	---	---	0.700	0.388	0.088	0.139	0.008	0.032	---	---	---	21
22	---	---	---	0.680	0.355	0.080	0.115	0.007	0.028	---	---	---	22
23	---	---	---	0.680	0.305	0.101	0.101	0.008	0.023	---	---	---	23
24	---	---	---	0.700	0.280	0.122	0.087	0.005	0.020	---	---	---	24
25	---	---	1.00	0.820	0.255	0.230	0.080	0.008	0.021	---	---	---	25
26	---	---	---	1.08	0.209	0.280	0.073	0.008	0.021	---	---	---	26
27	---	---	---	0.840	0.172	0.245	0.073	0.005	0.021	---	---	---	27
28	---	---	---	0.700	0.139	0.172	0.073	0.008	0.021	---	---	---	28
29	---		---	0.630	0.115	0.139	0.070	0.008	0.021	---	---	---	29
30	---		---	0.630	0.108	0.201	0.080	0.008	0.020	---	---	---	30
31	---		---		0.101		0.083	0.015		---		---	31
TOTAL	---	---	---	29.480	12.610	3.938	7.717	0.601	0.738	---	---	---	TOTAL
MEAN	---	---	---	0.983	0.415	0.131	0.249	0.019	0.025	---	---	---	MEAN
MAX	---	---	---	2.20	0.880	0.280	1.45	0.047	0.055	---	---	---	MAX
MIN	---	---	---	0.580	0.101	0.083	0.083	0.005	0.013	---	---	---	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 0.005 ON AUG 24

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 18 17 N
LONG 124 25 30 W
DRAINAGE AREA, 58.3 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	887
FEB	---	AUG	51.8
MAR	---	SEP	83.8
APR	2 550	OCT	---
MAY	1 110	NOV	---
JUN	338	DEC	---

FROSST CREEK NEAR LINDELL BEACH - STATION NO. 08MH072

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	1.68	0.984	0.590	0.362	0.984	0.258	0.480	---	1
2	---	---	---	---	1.45	1.08	1.41	0.353	1.53	0.254	0.780	---	2
3	---	---	---	---	1.55	0.832	0.808E	0.350	0.371	0.290	5.95	---	3
4	---	---	---	---	1.59	0.814	0.688	0.380	0.440	0.290	4.81	---	4
5	---	---	---	---	1.47	0.894	0.635	0.320	0.350	0.256	1.82	---	5
6	---	---	---	---	1.59	0.754	0.788	0.290	0.320	0.252	2.95	---	6
7	---	---	---	---	1.62	0.640	0.580	0.320	0.380	0.255	1.86	---	7
8	---	---	---	1.05	1.44	0.894	0.635	0.328	0.380	0.238	1.49	---	8
9	---	---	---	0.888	1.37	0.800	0.630	0.320	0.320	0.250	1.19	---	9
10	---	---	---	1.08	1.10	5.34	0.475	0.298	0.380	0.238	1.33	---	10
11	---	---	---	0.945	1.23	1.01	0.916	0.356	1.11	0.232	4.25	---	11
12	---	---	---	0.884	1.45	0.772	4.33	0.400E	0.530	0.232	5.46	---	12
13	---	---	---	0.844	1.47	0.786	4.25	0.356	0.916	0.234	1.25	---	13
14	---	---	---	0.778	1.45	0.868	4.60	0.350	0.356	0.236	---	---	14
15	---	---	---	0.858	1.43	1.41	3.30	0.290	0.332	0.232	---	---	15
16	---	---	---	0.868	1.23	1.43	1.93	0.298	0.350	0.232	4.81	---	16
17	---	---	---	1.01	1.10	3.77	1.38	0.274	0.380	0.244	---	---	17
18	---	---	---	1.12	1.85	2.17	1.12	0.278	0.388	0.383	---	---	18
19	---	---	---	1.17	1.48	1.42	1.05	0.250	0.350	0.290	---	---	19
20	---	---	---	1.30 E	1.83	1.08	1.37	0.252	0.320	0.448	---	---	20
21	---	---	---	1.20 E	1.87	0.832	1.59	0.254	0.320	0.380	---	---	21
22	---	---	---	1.47	1.43	0.832	0.970	0.234	0.290	0.870	---	---	22
23	---	---	---	1.84	1.52	0.820	0.870	0.232	0.278	0.870	---	---	23
24	---	---	---	2.08	1.48	0.886	0.620	0.230	0.274	0.446	---	---	24
25	---	---	---	1.78	1.59	0.882	0.485	0.234	0.278	0.480	---	---	25
26	---	---	---	1.63	1.52	0.754	0.480	0.232	0.254	0.382	---	---	26
27	---	---	---	1.58	1.50	0.585	0.530	0.232	0.350	0.780	---	---	27
28	---	---	---	1.83	2.08	0.535	0.470	0.234	0.274	0.440	---	---	28
29	---		---	1.83	2.07	0.850	0.449	0.238	0.278	0.418	---	---	29
30	---		---	1.71	1.38	0.850	0.383	0.244	0.252	0.440	---	---	30
31	---		---		1.22		0.389	0.254		0.814		---	31
TOTAL	---	---	---	---	48.78	34.294	38.849	9.037	12.827	11.807	---	---	TOTAL
MEAN	---	---	---	---	1.81	1.14	1.25	0.282	0.428	0.371	---	---	MEAN
MAX	---	---	---	---	2.07	5.34	4.60	0.400	1.53	0.870	---	---	MAX
MIN	---	---	---	---	1.10	0.550	0.383	0.230	0.252	0.232	---	---	MIN

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 02 02 N
LONG 122 01 30 W
DRAINAGE AREA, 38.3 km²

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	3 340
FEB	---	AUG	781
MAR	---	SEP	1 110
APR	---	OCT	994
MAY	4 040	NOV	---
JUN	2 980	DEC	---

FRY CREEK BELOW CARNEY CREEK - STATION NO. 08NH130

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.558	3.358	2.80	2.96	15.5	91.3	65.1	36.3	19.2	5.91	11.6	3.36	1
2	2.468	2.92	2.48	3.00	14.0	82.0	52.4	40.2	31.2	5.84	10.2	3.91	2
3	2.438	2.238	2.48	3.06	16.3	85.0	50.3	37.2	23.9	5.76	11.8	4.78	3
4	2.568	2.258	2.58	3.09	18.3	75.9	45.0	32.5	20.3	6.31	10.2	4.48	4
5	2.898	2.278	2.56	3.11	18.7	65.0	49.1	31.5	20.4	5.88	15.4	4.34	5
6	2.768	2.288	2.56	3.28	18.5	62.2	61.3	32.8	18.8	5.88	13.1	4.05	6
7	2.838	2.258	2.49	3.76	20.1	71.8	82.8	31.2	18.1	5.37	11.6	4.23	7
8	3.27	2.248	2.56	3.77	19.7	77.6	66.3	32.6	13.8	5.22	10.8	4.81	8
9	3.12	2.238	2.85	3.58	18.2	77.3	49.0	33.1	13.7	5.22	9.47	5.03	9
10	2.69	2.228	3.14	3.59	17.2	70.0	41.2	31.8	12.8	5.03	8.84	4.91	10
11	3.08	2.408	3.41	3.48	17.1	57.3	50.2	40.1	12.8	4.93	8.61	4.64	11
12	3.37	2.82	3.27	3.43	17.9	46.0	147	50.1	12.8	4.80	8.18	4.36	12
13	3.06	2.64	3.23	3.40	18.7	43.3	145	33.0	12.4	4.71	7.88	4.17	13
14	2.95	2.46	3.17	3.41	21.5	49.0	113	28.7	13.8	4.78	7.64	4.02	14
15	2.83	2.43	3.13	3.57	22.6	58.5	75.5	26.8	12.3	4.78	7.69	3.87	15
16	2.898	2.44	3.07	3.89	23.3	55.4	61.0	24.4	11.8	4.82	7.80	3.87	16
17	2.728	2.45	2.98	4.34	24.6	54.9	54.5	22.5	11.5	4.88	7.48	3.14	17
18	2.688	2.44	2.98	5.48	27.0	50.3	48.0	21.5	10.4	4.88	7.25	3.138	18
19	2.908	2.43	2.81	6.87	28.1	45.0	48.4	18.8	9.52	4.85	6.80	3.138	19
20	2.868	2.43	2.95	8.55	29.2	38.5	52.3	18.2	8.62	4.84	6.62	3.118	20
21	2.550	2.43	2.89	10.7	28.3	32.3	46.3	17.2	8.41	4.47	6.85	3.028	21
22	2.588	2.41	2.82	12.3	45.6	32.6	42.6	16.5	7.84	5.03	6.23	2.988	22
23	2.598	2.42	2.84	15.9	57.0	45.6	41.9	15.4	7.77	5.78	5.86	2.928	23
24	2.518	2.49	2.85	30.4	58.1	58.6	43.2	22.7	7.58	5.12	5.82	2.778	24
25	2.508	2.81	2.82	31.4	78.9	50.6	47.3	20.4	7.46	5.14	5.76	2.508	25
26	2.568	2.56	2.83	23.6	84.3	41.4	48.9	18.0	7.81	5.21	5.64	2.538	26
27	2.81	2.54	2.86	19.3	88.0	46.6	38.6	17.1	8.21	5.31	5.43	2.928	27
28	2.73	2.47	2.93	15.7	100	51.7	32.0	20.6	7.09	5.20	5.04	2.518	28
29	2.46		2.87	15.2	111	57.7	31.6	19.3	6.49	5.23	4.89	2.618	29
30	2.508		2.92	15.2	111	74.3	32.7	18.9	6.19	5.75	4.78	2.508	30
31	2.488		2.92		58.1		34.3	17.9		9.78		2.518	31
TOTAL	83.86	67.11	88.54	270.45	1 284.2	1 783.9	1 755.2	829.6	379.11	166.13	253.36	110.12	TOTAL
MEAN	2.71	2.40	2.86	9.02	41.4	59.5	56.6	26.8	12.6	5.36	8.45	3.55	MEAN
MAX	3.37	3.62	3.41	31.4	111	95.0	147	50.1	31.2	9.78	19.2	5.03	MAX
MIN	2.43	2.22	2.48	2.86	15.5	32.3	31.6	16.4	6.19	4.47	4.78	2.50	MIN

DISCHARGES IN CUBIC METRES PER SECOND
MEAN, 19.4
MAXIMUM DAILY, 147 ON JUL 12
MINIMUM DAILY, 2.22 ON FEB 2
MAXIMUM INSTANTANEOUS,
166 AT 08:53 PST ON JUL 13

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 04 53 N
LONG 119 47 05 W
DRAINAGE AREA, 461 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	7 250	JUL	152 000
FEB	5 800	AUG	71 700
MAR	7 850	SEP	32 800
APR	23 400	OCT	14 400
MAY	111 000	NOV	21 900
JUN	154 000	DEC	9 610

TOTAL DISCHARGE, 611 000 dam³

FULFORD CREEK ON SALTSPRING ISLAND - STATION NO. 08HA055

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.520	0.077	0.033	0.028	0.015	0.017	---	---	---	1
2	---	---	---	0.480	0.077	0.033	0.027	0.017	0.028	---	---	---	2
3	---	---	---	0.400	0.089	0.033	0.026	0.015	0.026	---	---	---	3
4	---	---	---	0.292	0.089	0.033	0.024	0.015	0.021	---	---	---	4
5	---	---	---	0.292	0.089	0.033	0.024	0.014	0.020	---	---	---	5
6	---	---	---	0.227	0.089	0.033	0.024	0.014	0.019	---	---	---	6
7	---	---	---	0.202	0.089	0.028	0.023	0.013	0.019	---	---	---	7
8	---	---	---	0.202	0.085	0.029	0.023	0.013	0.019	---	---	---	8
9	---	---	---	0.202	0.077	0.028	0.033E	0.014	0.019	---	---	---	9
10	---	---	---	0.202	0.089	0.028	0.023	0.014	0.044	---	---	---	10
11	---	---	---	0.202	0.089	0.028	0.028	0.014	0.040	---	---	---	11
12	---	---	---	0.177	0.089	0.028	0.032	0.013	0.035	---	---	---	12
13	---	---	---	0.152	0.082	0.028	0.035	0.013	0.025	---	---	---	13
14	---	---	1.85	0.132	0.082	0.028	0.027	0.011	0.020	---	---	---	14
15	---	---	1.21	0.132	0.082	0.027	0.027	0.010	0.018	---	---	---	15
16	---	---	---	0.114	0.082	0.028	0.025	0.010	0.017	---	---	---	16
17	---	---	---	0.114	0.082	0.028	0.024	0.010	0.020	---	---	---	17
18	---	---	---	0.102	0.085	0.033	0.024	0.010	0.028	---	---	---	18
19	---	---	---	0.102	0.085	0.028	0.024	0.010	0.024	---	---	---	19
20	---	---	---	0.102	0.085	0.028	0.023	0.010	0.019	---	---	---	20
21	---	---	---	0.093	0.048	0.028	0.024	0.008	0.018	---	---	---	21
22	---	---	---	0.093	0.049	0.028	0.023	0.008	0.017	---	---	---	22
23	---	---	---	0.085	0.038	0.027	0.022	0.008	0.018	---	---	---	23
24	---	---	---	0.152	0.038	0.027	0.018	0.011	0.015	---	---	---	24
25	---	---	---	0.114	0.038	0.027	0.017	0.008	0.014	---	---	---	25
26	---	---	---	0.114	0.038	0.028	0.018	0.008	0.014	---	---	---	26
27	---	---	---	0.102	0.033	0.028	0.018	0.008	0.014	---	---	---	27
28	---	---	---	0.093	0.033	0.028	0.018	0.008	0.014	---	---	---	28
29	---		---	0.085	0.033	0.026	0.018	0.009	0.013	---	---	---	29
30	---		---	0.077	0.033	0.025	0.015	0.011	0.013	---	---	---	30
31	---		---		0.033		0.015	0.013		---		---	31
TOTAL	---	---	---	5.356	1.756	0.881	0.721	0.358	0.823	---	---	---	TOTAL
MEAN	---	---	---	0.178	0.057	0.029	0.023	0.011	0.021	---	---	---	MEAN
MAX	---	---	---	0.520	0.085	0.033	0.035	0.017	0.044	---	---	---	MAX
MIN	---	---	---	0.077	0.033	0.025	0.015	0.008	0.013	---	---	---	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 0.008 ON AUG 21

TYPE OF GAUGE - MANUAL
LOCATION - LAT 48 45 30 N
LONG 123 28 15 W

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	82.3
FEB	---	AUG	30.8
MAR	---	SEP	63.8
APR	483	OCT	---
MAY	152	NOV	---
JUN	74.4	DEC	---

GASPARD CREEK BELOW OUTLET OF GASPARD LAKE - STATION NO. 08MD032

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.422	0.381	0.723	0.727	0.718	0.488	0.491	0.520	---	1
2	---	---	---	0.401	0.362	0.731	0.728	0.884	0.475	0.490	0.518	---	2
3	---	---	---	0.401	0.357	0.730	0.735	0.880	0.484	0.496	0.511	---	3
4	---	---	---	0.384	0.383	0.731	0.775	0.878	0.479	0.492	0.503	---	4
5	---	---	---	0.394	0.368	0.727	0.833	0.871	0.483	0.487	0.500	---	5
6	---	---	---	0.394A	0.368	0.724	0.829	0.869	0.491	0.501	0.496	---	6
7	---	---	---	0.407	0.362	0.728	0.851	0.887	0.491	0.505	0.484	---	7
8	---	---	---	0.387	0.342	0.734	1.53	0.857	0.504	0.487	0.477	---	8
9	---	---	---	0.398	0.338	0.712	2.33	0.852	0.498	0.491	0.486	---	9
10	---	---	---	0.390	0.383	0.707	2.11	0.853	0.491	0.482	0.443	---	10
11	---	---	---	0.382	0.439	0.709	2.05	0.865	0.501	0.478	0.428	---	11
12	---	---	---	0.388	0.534	0.712	2.03	0.855	0.508	0.473	0.416	---	12
13	---	---	---	0.383	0.598	0.710	1.89	0.859	0.515	0.481	0.408	---	13
14	---	---	---	0.331	0.674	0.711	1.80	0.854	0.521	0.484	0.398	---	14
15	---	---	---	0.308	0.749	0.718	1.78	0.855	0.525	0.486	0.388	---	15
16	---	---	---	0.307	0.834	0.718	1.78	0.821	0.511	0.494	0.377	---	16
17	---	---	---	0.318	0.939	0.713	1.84	1.28	0.523	0.481	0.363	---	17
18	---	---	---	0.313	1.00	0.718	0.748	1.16	0.528	0.484	0.361	---	18
19	---	---	---	0.311	1.07	0.718	0.752	1.04	0.538	0.485	0.358	---	19
20	---	---	---	0.301	1.09	0.718	0.761	1.03	0.528	0.487	0.338	---	20
21	---	---	---	0.309	1.07	0.720	0.738	1.04	0.528	0.498	0.338	---	21
22	---	---	---	0.314	1.12	0.723	0.738	1.02	0.538	0.505	0.332	---	22
23	---	---	---	0.323	2.02	0.718	0.738	1.02	0.544	0.507	0.337	---	23
24	---	---	---	0.333	1.86	0.720	0.733	0.930	0.540	0.507	0.322	---	24
25	---	---	---	0.332	0.831	0.730	0.730	0.489	0.537	0.508	0.310	---	25
26	---	---	---	0.338	0.822	0.720	0.728	0.458	0.538	0.505	0.300	---	26
27	---	---	---	0.338	0.803	0.730	0.729	0.472	0.528	0.501	0.282	---	27
28	---	---	---	0.329	0.777	0.718	0.728	0.478	0.519	0.495	0.290	---	28
29	---		---	0.330	0.758	0.723	0.721	0.480	0.503	0.509	0.225	---	29
30	---		---	0.340	0.761	0.719	0.719	0.473	0.498	0.514	0.151	---	30
31	---		---		0.733		0.718	0.472		0.511		---	31
TOTAL	---	---	---	10.581	23.084	21.851	34.774	22.750	15.318	15.331	11.841	---	TOTAL
MEAN	---	---	---	0.353	0.745	0.715	1.12	0.734	0.511	0.495	0.384	---	MEAN
MAX	---	---	---	0.422	2.02	0.734	2.33	1.28	0.544	0.514	0.520	---	MAX
MIN	---	---	---	0.301	0.338	0.707	0.715	0.459	0.488	0.473	0.151	---	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 2.33 ON JUL 9

MAXIMUM INSTANTANEOUS,
3.37 AT 10:50 PST ON MAY 23

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 20 41 N
LONG 122 45 14 W

A - MANUAL GAUGE

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	3 000
FEB	---	AUG	1 970
MAR	---	SEP	1 320
APR	914	OCT	1 330
MAY	1 990	NOV	1 010
JUN	1 880	DEC	---

GASPARD LAKE ABOVE OUTLET - STATION NO. 08MD031

DAILY WATER LEVEL IN METRES FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	1.658E	2.684	3.404	3.314	3.205	3.380E	1.678E	1.380	0.942A	1
2	---	---	---	1.660E	2.787	3.400	3.339	3.185	3.345E	1.660E	1.380	---	2
3	---	---	---	1.665E	2.685	3.402	3.378	3.172	3.325E	1.645E	1.365	---	3
4	---	---	---	1.670E	2.585	3.404	3.411	3.153	3.310E	1.630E	1.355	---	4
5	---	---	---	1.672E	3.075	3.407	3.448	3.137	3.295E	1.810E	1.340	---	5
6	---	---	---	1.676A	3.154	3.404	3.473	3.120	2.278E	1.785E	1.332	---	6
7	---	---	---	1.685	3.311	3.403	3.480	3.102	2.280E	1.780E	1.322	---	7
8	---	---	---	1.690	3.284	3.394	3.474	3.080A	2.248E	1.765E	---	---	8
9	---	---	---	1.694	3.312	3.381	3.434	3.060E	2.230E	1.750E	---	---	9
10	---	---	---	1.701	3.352	3.370	3.398	3.040E	2.215E	1.735E	---	---	10
11	---	---	---	1.704	3.388	3.359	3.363	3.025E	2.195E	1.715E	---	---	11
12	---	---	---	1.701	3.433	3.352	3.311	3.005E	2.180E	1.700E	---	---	12
13	---	---	---	1.703	3.476	3.338	3.267	2.988E	2.165E	1.685E	---	---	13
14	---	---	---	1.699	3.505	3.320	3.223	2.970E	2.150E	1.670E	---	---	14
15	---	---	---	1.700	3.531	3.308	3.182	2.950E	2.135E	1.655E	---	---	15
16	---	---	---	1.705	3.551	3.290	3.185	2.935E	2.115E	1.640E	---	---	16
17	---	---	---	1.716	3.581	3.278	3.143	2.860E	2.100E	1.620E	---	---	17
18	---	---	---	1.736	3.569	3.262	3.136	2.775E	2.080E	1.605E	---	---	18
19	---	---	---	1.782	3.576	3.248	3.133	2.725E	2.063A	1.590E	---	---	19
20	---	---	---	1.792	3.578	3.240	3.149	2.685E	2.044	1.575E	---	---	20
21	---	---	---	1.829	3.588	3.227	3.167	2.630E	2.032	1.580E	---	---	21
22	---	---	---	1.875	3.570	3.214	3.190	2.585E	2.020	1.565E	---	---	22
23	---	---	---	1.915	3.555	3.205	3.216	2.535E	2.005	1.620E	---	---	23
24	---	---	---	1.986	3.511	3.203	3.232	2.490E	1.987	1.518E	---	---	24
25	---	---	---	2.044	3.490	3.209	3.242	2.470E	1.970	1.500E	---	---	25
26	---	---	---	2.131	3.475	3.226	3.248	2.455E	1.958A	1.485E	---	---	26
27	---	---	---	2.245	3.484	3.247	3.248	2.435E	1.940E	1.468E	---	---	27
28	---	---	---	2.354	3.494	3.270	3.242	2.425E	1.925E	1.450E	---	---	28
29	---		---	2.488	3.539	3.289	3.236	2.405E	1.905E	1.435E	---	---	29
30	---		---	2.574	3.627	3.305	3.228	2.390E	1.888E	1.420E	---	---	30
31	---		---		3.618		3.217	2.378E		1.402		---	31
MEAN	---	---	---	1.848	3.383	3.312	3.280	2.818	2.124	1.630	---	---	MEAN
MAX	---	---	---	2.574	3.578	3.407	3.480	3.205	3.380	1.878	---	---	MAX
MIN	---	---	---	1.658	2.684	3.303	3.133	2.378	1.888	1.402	---	---	MIN

WATER LEVELS IN METRES

MAXIMUM DAILY, 3.578 ON MAY 19

MAXIMUM INSTANTANEOUS,
3.582 AT 10:45 PST ON MAY 20

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 26 30 N
LONG 122 45 14 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

GEDDES CREEK AT THE MOUTH - STATION NO. 10BE008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.107B	0.080B	0.078B	0.088B	0.273	0.183	0.087	0.105	0.088	0.108	0.088B	0.080B	1
2	0.107B	0.081B	0.078B	0.088B	0.238	0.161	0.088	0.100	0.088	0.111	0.090B	0.080B	2
3	0.106B	0.082B	0.077B	0.089B	0.243	0.176	0.086	0.100	0.108	0.118	0.087B	0.059B	3
4	0.106B	0.082B	0.078B	0.088B	0.248	0.201	0.104	0.088	0.120	0.142	0.084B	0.058B	4
5	0.106B	0.083B	0.078B	0.088B	0.218	0.212	0.088	0.083	0.128	0.138	0.082B	0.057B	5
6	0.105B	0.082B	0.078B	0.088B	0.213	0.257	0.086	0.087	0.122	0.127	0.080B	0.056B	6
7	0.105B	0.080B	0.073B	0.089B	0.219	0.228	0.085	0.088	0.118	0.127	0.078B	0.055B	7
8	0.103B	0.080B	0.073B	0.100B	0.220	0.208	0.084	0.082	0.112	0.121	0.076B	0.054B	8
9	0.101B	0.078B	0.074B	0.100B	0.208	0.187	0.082	0.078	0.108	0.114	0.076B	0.054B	9
10	0.099B	0.078B	0.078B	0.101B	0.204	0.171	0.081	0.079	0.108	0.104	0.078B	0.054B	10
11	0.097B	0.077B	0.078B	0.103B	0.187	0.152	0.080	0.077	0.103	0.111	0.078B	0.054B	11
12	0.095B	0.076B	0.079B	0.104B	0.180	0.139	0.087	0.077	0.101	0.109	0.078B	0.055B	12
13	0.094B	0.078B	0.083B	0.104B	0.172	0.148	0.088	0.078	0.103	0.109	0.078B	0.055B	13
14	0.093B	0.077B	0.084B	0.107B	0.165	0.130	0.088	0.078	0.102	0.108	0.078B	0.056B	14
15	0.092B	0.078B	0.085B	0.113B	0.171	0.123	0.088	0.073	0.103	0.104	0.078B	0.056B	15
16	0.083B	0.073B	0.086B	0.122B	0.181	0.127	0.089	0.115A	0.104	0.104B	0.078B	0.056B	16
17	0.093B	0.073B	0.088B	0.180	0.184	0.126	0.087	0.104A	0.102	0.103B	0.078B	0.056B	17
18	0.083B	0.074B	0.088B	0.182	0.177	0.121	0.086	0.107	0.103	0.104B	0.077B	0.054B	18
19	0.093B	0.074B	0.088B	0.147	0.182	0.126	0.085	0.107	0.102	0.105B	0.076B	0.054B	19
20	0.095B	0.074B	0.088B	0.142	0.223	0.121	0.087	0.119	0.104	0.108B	0.072B	0.054B	20
21	0.092B	0.074B	0.088B	0.186	0.213	0.114	0.091	0.123	0.107	0.107B	0.070B	0.054B	21
22	0.090B	0.078B	0.088B	0.265	0.218	0.111	0.086	0.107	0.104	0.108B	0.088B	0.054B	22
23	0.088B	0.078B	0.088B	0.310	0.254	0.110	0.092	0.115	0.103	0.108B	0.088B	0.054B	23
24	0.086B	0.078B	0.088B	0.310	0.262	0.107	0.087	0.108	0.101	0.108B	0.087B	0.054B	24
25	0.081B	0.077B	0.090B	0.326	0.240	0.102	0.087	0.106	0.104	0.108B	0.087B	0.053B	25
26	0.081B	0.076B	0.092B	0.328	0.216	0.101	0.100	0.108	0.103	0.107B	0.088B	0.053B	26
27	0.081B	0.078B	0.094B	0.326	0.188	0.098	0.102	0.105	0.105	0.107B	0.088B	0.053B	27
28	0.080B	0.078B	0.098B	0.330	0.178	0.098	0.103	0.098	0.102	0.108B	0.084B	0.053B	28
29	0.078B		0.097B	0.310	0.178	0.096	0.133	0.098	0.088	0.108B	0.083B	0.053B	29
30	0.076B		0.098B	0.285	0.172	0.096	0.108	0.098	0.101	0.103B	0.081B	0.053B	30
31	0.080B		0.098B		0.188		0.101	0.098		0.100B		0.054B	31
TOTAL	2.960	2.191	2.817	5.233	6.413	4.306	3.025	2.899	3.172	3.437	2.267	1.702	TOTAL
MEAN	0.094	0.078	0.084	0.174	0.207	0.144	0.098	0.087	0.105	0.111	0.076	0.055	MEAN
MAX	0.108	0.083	0.098	0.330	0.282	0.267	0.182	0.123	0.128	0.142	0.088	0.060	MAX
MIN	0.076	0.073	0.073	0.088	0.165	0.098	0.085	0.073	0.088	0.100	0.081	0.053	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.110
MAXIMUM DAILY, 0.330 ON APR 26
MINIMUM DAILY, 0.0530 ON DEC 25
MAXIMUM INSTANTANEOUS,
0.496 AT 13:05 PST ON APR 27

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 35 54 N
LONG 128 40 00 W
DRAINAGE AREA, 77.6 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	251	JUL	261
FEB	165	AUG	259
MAR	236	SEP	274
APR	452	OCT	297
MAY	554	NOV	196
JUN	372	DEC	147

TOTAL DISCHARGE, 3 480 dam³

GLADWIN CREEK ABOVE DIVERSIONS - STATION NO. 08LP088

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.231	1.25 A	0.218	0.043	0.021	---	---	---	1
2	---	---	---	---	0.234	---	0.261	0.041	0.020	---	---	---	2
3	---	---	---	---	0.226	---	0.220	0.032	0.017	---	---	---	3
4	---	---	---	---	0.207	---	0.208	0.025	0.017	---	---	---	4
5	---	---	---	---	0.214	---	0.198	0.026	0.018	---	---	---	5
6	---	---	---	---	0.234	---	0.188	0.024	0.015	---	---	---	6
7	---	---	---	---	0.217	---	0.181	0.022	0.015	---	---	---	7
8	---	---	---	---	0.195	---	0.188	0.022	0.015	---	---	---	8
9	---	---	---	---	0.189	---	0.166	0.023	0.014	---	---	---	9
10	---	---	---	---	0.188	---	0.137	0.026	0.018	---	---	---	10
11	---	---	---	---	0.179	---	0.152	0.031	0.018	---	---	---	11
12	---	---	---	---	0.176	---	0.158	0.027	0.018	---	---	---	12
13	---	---	---	0.032A	0.202	---	0.148	0.024	0.018	---	---	---	13
14	---	---	---	0.026	0.219	---	0.137	0.023	0.015	---	---	---	14
15	---	---	---	0.033	0.217	---	0.124	0.021	0.013	---	---	---	15
16	---	---	---	0.044	0.270	---	0.118	0.020	0.015	---	---	---	16
17	---	---	---	0.070	0.313	---	0.108	0.021	0.018	---	---	---	17
18	---	---	---	0.108	---	---	0.102	0.020	0.018	---	---	---	18
19	---	---	---	0.180	---	---	0.093	0.018	0.016	---	---	---	19
20	---	---	---	0.206	---	0.270	0.092	0.019	0.018A	---	---	---	20
21	---	---	---	0.237	---	0.280	0.087	0.017	---	---	---	---	21
22	---	---	---	0.232	---	0.261	0.076	0.018	---	---	---	---	22
23	---	---	---	0.260	---	0.286	0.074	0.017	---	---	---	---	23
24	---	---	---	0.321	---	0.260	0.089	0.018	---	---	---	---	24
25	---	---	---	0.332	---	0.230	0.085	0.017	---	---	---	---	25
26	---	---	---	0.308	---	0.226	0.093	0.018	---	---	---	---	26
27	---	---	---	0.279	---	0.225	0.096	0.018	---	---	---	---	27
28	---	---	---	0.182	---	0.224	0.093	0.017	---	---	---	---	28
29	---		---	0.188	---	0.236	0.049	0.017	---	---	---	---	29
30	---		---	0.208	---	0.227	0.048	0.018	---	---	---	---	30
31	---		---		---		0.044	0.014		---		---	31
TOTAL	---	---	---	---	---	---	3.807	0.688	---	---	---	---	TOTAL
MEAN	---	---	---	---	---	---	0.123	0.022	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	0.261	0.043	---	---	---	---	MAX
MIN	---	---	---	---	---	---	0.044	0.014	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 14 32 N
LONG 121 28 13 W

A - MANUAL GAUGE

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	329
FEB	---	AUG	59.4
MAR	---	SEP	---
APR	---	OCT	---
MAY	---	NOV	---
JUN	---	DEC	---

GLADYS RIVER AT OUTLET OF GLADYS LAKE - STATION NO. 08AE004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.700	4.000	3.500	3.070	3.64	19.9	28.5	22.8	19.9	19.1	13.6 E	6.550	1
2	5.800	3.950	3.450	3.080	3.76	21.0	28.7	23.2	17.3	19.3	13.7 E	6.800	2
3	5.450	3.900	3.430	3.100	3.88	24.5	27.6	21.9	17.6	19.7	13.3 E	6.850	3
4	5.300	3.800	3.400	3.100	3.94	26.7	26.7	21.4	18.0	20.0	12.8 E	6.700	4
5	5.300	3.850	3.350	3.130	4.11	28.1	30.0	21.4	18.3	20.1	12.4 E	6.500	5
6	5.100	3.800	3.300	3.100	4.26	29.0	30.6	20.9	18.7	20.4	12.2 E	6.350	6
7	5.000	3.950	3.250	3.080	4.35	29.4	31.5	20.4	19.5	20.2	11.9 E	6.200	7
8	4.850	3.900	3.400	3.080	4.42	29.8	32.2	19.8	19.8	20.0	11.8 E	6.050	8
9	4.750	3.870	3.420	3.050	4.63	30.0	32.4	19.4	19.7	19.8	11.5 E	5.850	9
10	4.700	3.800	3.460	3.030	4.81	30.0	32.1	19.5	19.7	19.8	11.5 E	5.800	10
11	4.700	3.850	3.500	3.000	4.70	29.8	31.7	19.2	19.8	19.5	10.9 E	5.550	11
12	4.850	3.800	3.530	2.880	4.91	29.5	31.3	18.9	20.1	19.1	10.2 E	5.300	12
13	4.700	3.750	3.500	2.900	5.15	29.3	30.7	18.5	20.2	18.8	9.750	5.050	13
14	4.700	3.550	3.450	2.920	5.36	29.1	30.2	18.2	20.4	18.5	9.500	5.700	14
15	4.750	3.650	3.430	3.10A	5.64	29.0	29.6	17.7	20.0	18.1	9.300	5.050	15
16	4.750	3.850	3.400	3.31	6.00	28.8	29.5	17.3	20.3	17.8	9.200	5.550	16
17	4.600	3.650	3.350	3.37	6.33	28.7	28.9	17.4	20.5	17.8	9.000	5.500	17
18	4.650	3.700	3.320	3.34	6.68	28.7	28.5	17.3	20.5	17.7	8.800	5.500	18
19	4.750	3.750	3.300	3.21	6.94	28.8	27.9	17.3	20.4	17.8	8.500	5.450	19
20	4.700	3.800	3.350	3.23	7.43	28.7	27.1	17.2	20.4	17.4	8.250	5.200	20
21	4.600	3.830	3.200	3.23	7.81	28.7	26.5	17.4	20.3	17.3	8.050	5.100	21
22	4.250	3.850	3.100	3.23	8.05	28.4	26.4	17.3	20.3	17.2	7.800	5.000	22
23	4.150	3.650	3.000	3.25	8.36	27.8	26.1	17.2	20.2	16.9	7.610	4.950	23
24	4.150	3.700	3.000	3.26	8.71	27.2	25.7	17.1	20.0	16.6	7.400	5.000	24
25	4.100	3.750	3.000	3.24	9.11	26.8	25.4	17.1	19.8	16.5A	7.200	5.000	25
26	4.120	3.700	3.000	3.23	9.39	26.8	25.1	17.0	19.8	16.2E	7.000	4.950	26
27	4.150	3.650	3.000	3.23	9.59	27.0	24.8	16.8	19.5	16.0E	6.900	4.900	27
28	4.000	3.600	3.020	3.34	9.85	26.8	24.2	17.0	19.4	15.8E	6.700	4.850	28
29	4.050		3.030	3.40	10.2	26.3	23.8	17.0	19.1	15.1E	6.600	4.800	29
30	4.050		3.040	3.51	11.2	26.3	23.2	17.1	19.1	14.8E	6.500	4.850	30
31	4.030		3.050		13.4		23.0	17.0		14.3E		4.900	31
TOTAL	144.84	103.61	101.58	94.78	206.34	827.9	887.8	577.2	595.9	556.8	290.15	172.35	TOTAL
MEAN	4.88	3.80	3.28	3.16	6.66	27.6	28.0	18.6	19.5	18.0	9.67	5.56	MEAN
MAX	5.70	4.00	3.63	3.51	13.4	30.0	32.4	23.6	20.5	20.4	13.6	6.70	MAX
MIN	4.03	3.50	3.00	2.88	3.64	19.9	22.8	16.9	18.9	14.3	6.80	4.90	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 12.4
MAXIMUM DAILY, 32.4 ON JUL 9
MINIMUM DAILY, 2.880 ON APR 12
MAXIMUM INSTANTANEOUS,
32.7 AT 09:20 PST ON JUL 9

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 04 30 N
LONG 122 54 50 W
DRAINAGE AREA, 1 910 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	13 800	JUL	78 000
FEB	9 180	AUG	48 900
MAR	8 770	SEP	50 600
APR	8 190	OCT	44 100
MAY	17 800	NOV	25 100
JUN	71 800	DEC	14 800

TOTAL DISCHARGE, 383 000 dam³

GLENORA CREEK NEAR DUNCAN - STATION NO. 08HA056

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.820E	0.175	0.048	0.048	0.031	0.175	---	---	---	1
2	---	---	---	0.880E	0.127	0.045	0.045	0.031	0.140	---	---	---	2
3	---	---	---	0.820E	0.127	0.037	0.045	0.031	0.061	---	---	---	3
4	---	---	---	0.855	0.127	0.037	0.048	0.031	0.061	---	---	---	4
5	---	---	---	0.800	0.121	0.037	0.042	0.029	0.061	---	---	---	5
6	---	---	---	0.545	0.108	0.037	0.037	0.027	0.061	---	---	---	6
7	---	---	---	0.485	0.114	0.031	0.037	0.027	0.061	---	---	---	7
8	---	---	---	0.445	0.134	0.028	0.042	0.027	0.061	---	---	---	8
9	---	---	---	0.345	0.127	0.028	0.042	0.026	0.061	---	---	---	9
10	---	---	---	0.445	0.108	0.035	0.043	0.026	0.175	---	---	---	10
11	---	---	---	0.445	0.140	0.030	0.046	0.026	0.158	---	---	---	11
12	---	---	---	0.445	0.108	0.037	0.275	0.024	0.114	---	---	---	12
13	---	---	---	0.385	0.088	0.035	0.263	0.022	0.108	---	---	---	13
14	---	---	---	0.345	0.082	0.031	0.183	0.022	0.048	---	---	---	14
15	---	---	---	0.295	0.315	0.031	0.175	0.022	0.044	---	---	---	15
16	---	---	---	0.285	0.198	0.031	0.175	0.024	0.042	---	---	---	16
17	---	---	---	0.255	0.175	0.048	0.140	0.024	0.033	---	---	---	17
18	---	---	---	0.255	0.140	0.049	0.081	0.023	0.082	---	---	---	18
19	---	---	---	0.255	0.140	0.044	0.046	0.022	0.074	---	---	---	19
20	---	---	---	0.285	0.124	0.039	0.048	0.022	0.061	---	---	---	20
21	---	---	---	0.303	0.108	0.037	0.044	0.022	0.065	---	---	---	21
22	---	---	---	0.175	0.088	0.032	0.042	0.022	0.044	---	---	---	22
23	---	---	---	0.175	0.062	0.029	0.041	0.022	0.049	---	---	---	23
24	---	---	---	0.285	0.074	0.029	0.037	0.022	0.058	---	---	---	24
25	---	---	---	0.239	0.054	0.041	0.037	0.022	0.056	---	---	---	25
26	---	---	---	0.215	0.048	0.041	0.037	0.022	0.061	---	---	---	26
27	---	---	---	0.207	0.046	0.037	0.052	0.022	0.048	---	---	---	27
28	---	---	0.305	0.175	0.037	0.037	0.066	0.023	0.042	---	---	---	28
29	---		0.765	0.175	0.037	0.061	0.042	0.031	0.042	---	---	---	29
30	---		---	0.175	0.037	0.052	0.037	0.044	0.042	---	---	---	30
31	---		---		0.048		0.031	0.028		---		---	31
TOTAL	---	---	---	11.224	3.454	1.144	2.282	0.805	2.176	---	---	---	TOTAL
MEAN	---	---	---	0.377	0.111	0.038	0.074	0.026	0.073	---	---	---	MEAN
MAX	---	---	---	0.880	0.315	0.061	0.275	0.044	0.175	---	---	---	MAX
MIN	---	---	---	0.175	0.037	0.028	0.031	0.022	0.033	---	---	---	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 0.022 ON AUG 14

TYPE OF GAUGE - MANUAL
LOCATION - LAT 48 44 46 N
LONG 123 42 46 W

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	197
FEB	---	AUG	69.6
MAR	---	SEP	188
APR	970	OCT	---
MAY	298	NOV	---
JUN	98.8	DEC	---

GOAT RIVER NEAR ERICKSON - STATION NO. 08NH004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	6.400	7.93	14.2	17.8	55.9	165	40.7	20.3	8.42E	6.33E	7.80	8.630	1
2	6.200	7.87	14.6	17.6	58.0	162	38.7	19.2	9.51E	6.19E	8.11	7.760	2
3	6.200	7.64	15.9	17.2	60.4	135	41.0	18.4	9.98E	6.03E	11.4	8.130	3
4	6.200	7.54	17.7	17.1	60.7	115	38.4	17.4	9.48E	6.20E	66.3	6.250	4
5	6.200	8.98	19.0	17.1	58.0	101	35.6	16.6	9.95E	5.91E	43.3	8.360	5
6	6.300	6.700	18.2	16.8	62.1	93.0	33.6	15.8	9.12E	5.64E	33.1	8.250	6
7	6.540	6.700	19.0	17.1	64.6	94.7	32.2	15.0	9.10E	5.08E	28.6	8.130	7
8	6.500	6.700	19.1	17.5	67.2	96.4	29.9	14.5	8.71E	5.54E	24.6	8.130	8
9	11.2 B	6.700	19.0	16.0	63.4	101	29.2	14.0	8.86E	5.53E	21.9	8.250	9
10	12.6 B	6.900	21.6	16.2	57.7	94.4	26.2	13.3	8.84E	5.41E	20.2	8.300	10
11	12.6	7.000	30.3	16.3	53.7	90.7	24.3	18.5 E	9.88E	5.32E	20.0	8.080	11
12	12.2	7.29	35.6	16.2	52.8	77.0	24.1	17.3 E	8.80E	5.19E	19.6	7.880	12
13	11.7	7.61	35.5	17.6	53.2	86.3	28.6	13.5 E	8.58E	5.09E	19.1	7.890	13
14	11.3	7.70	34.0	17.1	54.7	82.4	49.7	12.9 E	8.50E	5.04E	16.7	7.700	14
15	10.3	7.68	33.4	16.7	57.8	84.3	65.9	12.3 E	8.15	5.10E	16.2	7.530	15
16	9.16	7.91	29.8	16.7	62.9	84.6	51.4	11.6 E	8.15E	4.94E	18.2	7.360	16
17	8.95	8.08	26.3	17.0	68.1	57.3	47.4	11.0	8.47E	5.01E	18.5	7.13	17
18	8.95	8.57	26.3	16.8	75.5	54.9	42.1	10.8	7.89E	4.93E	18.6	7.120	18
19	8.83	8.85	24.8	23.6	78.5	51.7	37.3	10.4	7.73E	4.92E	16.7	7.000	19
20	8.31	9.01	23.3	30.8	78.1	46.5	33.6	10.2	7.61E	5.14E	16.1	6.880	20
21	7.93	9.26	22.3	38.5	91.5	40.8	32.3	9.89	7.64E	4.84	16.8	6.630	21
22	7.74	9.53	21.3	47.8	110	37.2	29.7	9.63	7.37E	6.12	15.6	6.630	22
23	7.57	9.61	20.5	66.4	139	42.6	27.4	10.3 E	7.28E	10.3	14.8	6.380	23
24	7.45	9.84	19.8	80.3	165	54.7	25.8	15.6 E	7.03E	7.90	14.4	6.630	24
25	7.33	11.0	19.2	114	178	53.6	24.7	18.0 E	6.88E	6.06	13.9	7.000	25
26	7.31	12.1	16.9	104	181	48.0	28.3	12.1 E	6.63E	5.17	13.2	7.500	26
27	7.63	13.2	16.4	78.7	188	45.9	24.3	10.8 E	6.63E	5.94	12.7	7.630	27
28	7.98	13.6	16.3	65.9	187	46.8	23.7	10.6 E	6.44E	5.77	11.8	7.380	28
29	8.00		16.1	57.6	197	44.1	23.0	10.0 E	6.37E	5.62	10.6 B	7.130	29
30	8.09		16.0	55.7	203	43.4	22.1	9.07E	6.42E	5.55	10.0 B	7.380	30
31	7.86		17.8		170		21.3	9.38E		6.26		7.630	31
TOTAL	264.04	239.63	692.0	1 068.1	3 041.7	2 189.1	1 020.2	411.34	244.64	180.33	588.21	234.08	TOTAL
MEAN	8.52	8.56	22.3	35.6	98.1	73.3	32.9	13.3	8.15	5.82	19.6	7.56	MEAN
MAX	12.6	13.6	35.6	114	203	165	65.9	20.3	9.98	10.3	66.3	8.63	MAX
MIN	6.20	6.70	14.2	16.7	53.6	37.2	21.3	9.38	6.37	4.84	7.80	6.38	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 27.9
MAXIMUM DAILY, 203 ON MAY 30
MINIMUM DAILY, 4.84 ON OCT 21
MAXIMUM INSTANTANEOUS,
227 AT 03:59 MST ON MAY 30

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 05 48 N
LONG 116 27 03 W
DRAINAGE AREA, 1 180 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	22 800	JUL	88 100
FEB	20 700	AUG	35 500
MAR	59 800	SEP	21 100
APR	92 400	OCT	16 000
MAY	263 000	NOV	50 800
JUN	189 000	DEC	20 200

TOTAL DISCHARGE, 880 000 dam³

GOATHORN CREEK NEAR TELKWA - STATION NO. 08EE008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.132B	0.117B	0.124B	0.120B	4.41	6.66	5.63	2.10	0.836	0.941	0.494	0.106B	1
2	0.131B	0.117B	0.124B	0.121B	4.66	7.42	4.75	1.86	0.880	0.860	0.476	0.106B	2
3	0.131B	0.116B	0.123B	0.128B	4.69	6.27	3.74	1.81	0.935	0.832	0.641	0.104B	3
4	0.130B	0.115B	0.123B	0.135B	4.33	4.02	3.38	1.70	0.816	0.793	0.550	0.102B	4
5	0.130B	0.114B	0.122B	0.147B	3.59	2.86	3.33	1.53	0.680	0.762	0.483	0.100B	5
6	0.129B	0.114B	0.121B	0.163B	3.95	2.86	2.73	1.58	0.717	0.715	0.484	0.099B	6
7	0.129B	0.113B	0.121B	0.176B	4.40	2.55	7.59	1.57	0.696	0.673	0.466	0.098B	7
8	0.135B	0.113B	0.121B	0.176B	4.03	2.84	5.89	1.53	0.604	0.636	0.415	0.097B	8
9	0.140B	0.112B	0.120B	0.175B	3.53	3.14	4.83	1.47	0.542	0.591	0.388	0.097B	9
10	0.138B	0.112B	0.120B	0.171B	3.31	3.05	4.47	1.74	0.498	0.545	0.379	0.096B	10
11	0.136B	0.112B	0.120B	0.167B	3.29	2.95	4.47	1.71	0.456	0.516	0.425	0.096B	11
12	0.134B	0.113B	0.119B	0.165B	3.54	2.37	3.76	1.48	0.453	0.521	0.424	0.095B	12
13	0.132B	0.117B	0.120B	0.170B	4.26	2.40	4.63	1.28	0.626	0.524	0.399	0.095B	13
14	0.130B	0.120B	0.122B	0.180B	6.23	2.12	4.30E	1.21	0.918	0.498	0.383	0.094B	14
15	0.128B	0.123B	0.125B	0.280B	5.74	2.83	3.90E	1.09	0.794	0.430	0.387	0.094B	15
16	0.127B	0.125B	0.129B	0.380B	5.35	2.76	3.50E	1.38	1.03	0.480	0.376	0.094B	16
17	0.128B	0.127B	0.130B	0.540B	4.64	2.12	3.10E	1.38	0.930	0.444	0.395	0.093B	17
18	0.125B	0.128B	0.131B	0.720B	3.72	2.03	2.70E	1.14	0.805	0.426	0.404	0.093B	18
19	0.124B	0.128B	0.131B	0.904B	3.96	1.84	2.45E	1.04	0.728	0.442	0.325	0.092B	19
20	0.123B	0.129B	0.130B	0.872	4.70	1.71	2.30E	0.904	0.929	0.435	0.321	0.092B	20
21	0.123B	0.129B	0.130B	0.951	4.30	1.84	2.30E	0.859	1.44	0.496	0.240B	0.092B	21
22	0.122B	0.128B	0.128B	1.08	4.11	1.88	2.75E	0.900	1.20	0.592	0.205B	0.092B	22
23	0.122B	0.126B	0.128B	1.22	4.15	3.04	2.40E	0.868	1.15	0.507	0.180B	0.091B	23
24	0.121B	0.126B	0.127B	1.54	3.99	4.02	2.10E	0.885	0.956	0.456	0.155B	0.091B	24
25	0.121B	0.127B	0.126B	1.84	3.90	7.00	2.11E	0.813	0.942	0.561	0.142B	0.091B	25
26	0.120B	0.128B	0.125B	2.30	3.29	7.30	2.12A	0.785	1.57	0.728	0.126B	0.091B	26
27	0.120B	0.129B	0.124B	2.45	2.91	6.13	2.04	0.814	1.14	0.636	0.122B	0.091B	27
28	0.119B	0.125B	0.123B	3.00	3.59	5.60	2.29	0.878	0.966	0.539	0.117B	0.090B	28
29	0.119B		0.122B	3.67	6.18	5.25	2.14	0.989	0.941	0.506	0.113B	0.090B	29
30	0.118B		0.121B	4.23	10.5	5.00	2.04	0.845	0.987	0.584	0.110B	0.090B	30
31	0.118B		0.120B		8.54		2.38	0.995		0.624		0.090B	31
TOTAL	3.934	3.382	3.851	26.193	141.61	112.17	107.39	39.039	26.242	18.180	10.029	2.944	TOTAL
MEAN	0.127	0.121	0.124	0.840	4.57	3.74	3.46	1.26	0.875	0.586	0.334	0.095	MEAN
MAX	0.140	0.129	0.131	4.23	10.5	7.42	7.59	2.10	1.57	0.941	0.550	0.106	MAX
MIN	0.118	0.112	0.119	0.120	2.91	1.64	2.04	0.785	0.453	0.426	0.110	0.090	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.36
MAXIMUM DAILY, 10.5 ON MAY 30
MINIMUM DAILY, 0.090B ON DEC 28
MAXIMUM INSTANTANEOUS,
11.0 AT 01:41 PST ON MAY 30

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 36 50 N
LONG 127 07 20 W
DRAINAGE AREA, 132 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	340	JUL	9 280
FEB	292	AUG	3 370
MAR	333	SEP	2 270
APR	2 440	OCT	1 570
MAY	12 300	NOV	867
JUN	9 690	DEC	254

TOTAL DISCHARGE, 43 000 dam³

GOLD RIVER ABOVE BACHELOR CREEK - STATION NO. 08NB013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.400B	0.490	0.570	0.500	2.03	32.8	14.5	31.4	21.1	1.88	3.00	0.920B	1
2	0.405B	0.505	0.563	0.502	2.26	31.2	15.4	36.0	21.9	1.90	2.44	0.870B	2
3	0.420B	0.518	0.539	0.488	2.90	31.3	17.8	32.2	23.2	2.08	2.27	0.850B	3
4	0.440B	0.490B	0.539	0.500	2.51	17.3	17.4	38.6	16.9	2.04	2.34	0.830B	4
5	0.455B	0.475B	0.536	0.523	2.96	18.7	17.1	28.8	10.8	1.86	2.07	0.780B	5
6	0.488B	0.460B	0.526	0.490	3.26	17.7	18.6	25.3	8.56	1.68	1.97	0.765B	6
7	0.469B	0.463B	0.533	0.519	3.73	22.7	16.3	21.6	8.24	1.64	1.88	0.765B	7
8	0.468B	0.468B	0.523	0.621	2.45	21.0	18.8	24.0	6.38	1.46	1.74	0.820B	8
9	0.459B	0.498B	0.533	0.516	2.89	16.3	16.3	21.3	5.92	1.41	1.53	0.810B	9
10	0.486B	0.503B	0.534	0.498	2.61	17.2	14.2	32.6	5.84	1.34	1.51	0.790B	10
11	0.470B	0.509B	0.564	0.487	2.88	15.5	26.8A	30.9	5.77	1.36	1.52	0.770B	11
12	0.485B	0.510B	0.520	0.485	2.89	11.0	59.3E	24.5	5.28	1.31	1.50	0.750B	12
13	0.490B	0.525B	0.516	0.485	3.47	10.6	36.6	24.0	5.86	1.30	1.46	0.726B	13
14	0.500B	0.554	0.522	0.471	3.70	12.5	29.6	20.5	6.01	1.41	1.45	0.700B	14
15	0.499B	0.568	0.522	0.488	4.23	16.3	20.4	24.3	4.92	1.36	1.37	0.680B	15
16	0.498B	0.583	0.517	0.517	4.57	16.8	17.8	19.2	5.25	1.24	1.38	0.670B	16
17	0.498B	0.577	0.511	0.590	4.38	18.6	16.9	21.5	3.99	1.30	1.35	0.640B	17
18	0.498B	0.566	0.518	0.721	4.30	19.2	16.7	18.4	3.09	1.38	1.35	0.610B	18
19	0.512	0.541	0.535	0.933	4.18	12.6 E	18.0	18.9	2.48	1.36	1.35	0.600B	19
20	0.539	0.539	0.518	1.12	6.03	9.80E	20.9	13.6	2.59	1.35	1.26	0.570B	20
21	0.518	0.536	0.508	1.36	6.16	8.88A	20.8	14.2	3.13	1.33	1.22	0.570B	21
22	0.524	0.560	0.500	1.27	6.87	10.7	19.6	16.9	2.79	1.53	1.13	0.565B	22
23	0.506	0.539	0.499	1.29	8.44	13.1	21.6	15.6	3.06	1.39	1.05	0.560B	23
24	0.511	0.566	0.488	1.72	12.3	19.6	23.2	13.9	4.48	1.25	1.09	0.560B	24
25	0.546	0.566	0.489	2.72	14.9	13.3	23.0	16.9	5.70	1.34	1.03	0.560B	25
26	0.532	0.555	0.505	2.06	16.9	10.4	25.0	18.1	6.57	2.74	1.04	0.570B	26
27	0.512	0.533	0.481	1.76	16.1	11.6	18.6	18.1	4.67	4.69	1.06	0.560B	27
28	0.501	0.541	0.485	1.74	18.0	14.6	17.3	15.6	2.80	2.88	1.05	0.590B	28
29	0.485B		0.488	1.85	23.5	18.4	16.9	15.6	1.78	2.22	0.990	0.600B	29
30	0.484B		0.488	2.06	27.4	21.1	22.2	18.1	1.81	2.70	0.970B	0.615B	30
31	0.491		0.509		28.1		26.5	22.6		4.42		0.635B	31
TOTAL	15.013	14.753	16.089	29.186	242.19	479.48	666.0	690.8	210.96	56.28	45.270	21.385	TOTAL
MEAN	0.484	0.527	0.519	0.973	7.81	16.0	21.5	22.3	7.03	1.82	1.51	0.689	MEAN
MAX	0.546	0.590	0.570	2.72	27.4	32.8	59.3	36.0	23.2	4.69	3.00	0.920	MAX
MIN	0.400	0.475	0.485	0.471	2.03	8.88	14.2	13.6	1.78	1.24	0.970	0.560	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.82
MAXIMUM DAILY, 59.3E ON JUL 12
MINIMUM DAILY, 0.400B ON JAN 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 38 47 N
LONG 117 46 26 W
DRAINAGE AREA, 139 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 300	JUL	57 500
FEB	1 270	AUG	59 700
MAR	1 390	SEP	18 200
APR	2 520	OCT	4 870
MAY	20 900	NOV	3 920
JUN	41 400	DEC	1 850

TOTAL DISCHARGE, 215 000 dam³

GOLD RIVER ABOVE PALMER CREEK - STATION NO. 08HB014

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.848	1.748	1.72	1.47	8.37	75.2	46.1	30.2	28.8	8.06	8.20E	2.808	1
2	1.828	1.708	1.81	1.50	9.56	70.0	44.8	26.0	28.0	9.83	7.70E	2.538	2
3	1.808	1.81	1.81	1.55	10.4	68.4	52.6	25.7	42.0	9.83	7.40E	2.498	3
4	1.498	1.86	1.73	1.84	10.5	60.0	48.4	48.6	31.9	9.83	7.40E	2.408	4
5	1.488	1.528	1.65	1.72	11.0	65.4	51.2	50.4	22.0	9.13	8.90E	2.328	5
6	1.478	1.518	1.73	1.79	12.5	50.8	55.5	52.8	18.1	8.22	8.65E	2.238	6
7	1.488	1.528	1.75	2.23	13.9	70.6	53.0	44.2	17.7	8.87	8.35E	2.218	7
8	1.528	1.568	1.73	2.14	12.2	85.2	51.6	48.5	14.3	8.76	8.12A	2.288	8
9	1.538	1.608	1.84	1.78	10.7	58.0	41.8	58.8	12.4	8.56	8.88	2.228	9
10	1.848	1.838	2.10	1.84	10.1	49.4	36.9	66.8	10.8	8.52	8.51	2.188	10
11	1.588	1.888	2.24	1.70	10.3	37.8	88.4	84.2	10.8	8.22	8.43	2.098	11
12	1.588	1.888	1.88	1.69	10.6	30.7	178 E	58.8	10.0	8.20	8.28	2.008	12
13	1.618	1.82	1.88	1.80	12.7	31.0	116 A	51.2	10.2	8.41	8.18	1.988	13
14	1.808	1.83	1.82	2.22	13.5	37.0	84.1	84.8	14.0	8.52	8.04	1.858	14
15	1.888	1.84	1.85	2.40	14.8	43.5	48.0	48.9	11.3	3.97	8.14	1.828	15
16	1.588	1.80	1.80	2.74	18.0	48.1	38.0	38.4	12.5	3.83	8.13	1.888	16
17	1.588	1.86	1.23	2.78	15.7	57.8	35.1	42.8	11.1	4.18A	8.09	1.808	17
18	1.588	1.88	1.35	3.83	15.4	66.5	33.5	38.3	8.01	4.58E	4.87	1.488	18
19	1.588	1.82	1.27	4.34	14.5	33.1	37.8	33.0	7.72	4.57E	4.87	1.408	19
20	1.808	1.87	1.80	8.09	17.0	28.3	41.5	32.0	7.45	4.55E	4.57	1.378	20
21	1.638	1.88	1.42	5.89	21.0	24.9	42.5	28.2	7.88	4.50E	4.41	1.348	21
22	1.888	1.77	1.40	5.81	22.1	27.8	38.3	28.4	8.08	4.80E	4.00	1.338	22
23	1.708	1.73	1.47	5.97	28.7	34.9	39.0	31.6	8.18	4.28E	4.09	1.318	23
24	1.758	1.89	1.48	8.15	38.5	46.0	42.3	31.4	9.84	4.07E	3.97	1.328	24
25	1.778	2.01	1.38	11.7	44.3	34.8	43.1	36.9	11.6	3.00E	3.91	1.338	25
26	1.788	1.82	1.32	8.06	40.7	29.3	47.1	29.1	12.8	3.00E	3.83	1.348	26
27	1.828	1.82	1.40	7.75	35.8	32.4	30.4	26.8	12.3	13.3 A	3.84	1.398	27
28	1.848	1.87	1.42	7.57	80.0	41.8	30.2	30.4	8.24	6.45E	3.36	1.498	28
29	1.788		1.44	7.88	77.8	53.8	32.7	28.2	8.82	6.80E	3.01	1.588	29
30	1.778		1.48	8.78	91.8	66.5	33.8	33.6	9.52	8.80E	2.708	1.848	30
31	1.788		1.48		88.8		42.3	40.2		12.3 E		1.708	31
TOTAL	50.21	46.67	49.67	124.81	804.85	1 387.8	1 888.8	1 388.0	443.63	173.53	155.39	86.18	TOTAL
MEAN	1.62	1.67	1.61	4.15	26.0	46.3	61.8	44.1	14.8	5.80	5.18	1.81	MEAN
MAX	1.84	2.01	2.24	11.7	91.8	75.2	178	84.8	42.0	13.3	8.20	2.53	MAX
MIN	1.47	1.61	1.32	1.47	8.37	24.8	30.2	28.8	8.52	3.83	2.70	1.31	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 17.1
MAXIMUM DAILY, 1788 ON JUL 12
MINIMUM DAILY, 1.23 ON MAR 17

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 40 37 N
LONG 117 43 00 W
DRAINAGE AREA, 427 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	4 340	JUL	138 000
FEB	4 030	AUG	116 000
MAR	4 310	SEP	38 300
APR	10 800	OCT	15 000
MAY	69 500	NOV	13 400
JUN	120 000	DEC	4 850

TOTAL DISCHARGE, 541 000 dam³

GOLD RIVER BELOW UCONA RIVER - STATION NO. 08HC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	34.7	80.5	66.6	73.9	66.2	80.5	38.4	23.5	13.5	8.47	71.4	35.3	1
2	53.8	44.7	54.8	91.8	74.0	73.3	46.5	23.7	13.0	7.84	215	31.5	2
3	63.4	38.3	47.3	66.8	87.4	81.1	36.1	27.7	13.2	8.31	233	28.7	3
4	80.8	36.7	41.1	70.9	84.8	83.6	36.1	24.7	12.8	9.58	244	26.2	4
5	65.9	32.6	36.6	61.4	68.1	82.6	36.6	21.7	11.3	9.27	180	23.7	5
6	62.9	32.4	32.5	59.0	58.4	82.2	32.0	19.6	28.2	8.10	135	21.6	6
7	301	35.5	32.2	57.5	73.2	82.5	36.3	18.3	26.9	7.86	172	20.2	7
8	368	32.7	118	60.2	82.8	87.7	40.4	17.6	22.3	7.31	116	26.2	8
9	324	32.8	574	43.8	82.6	84.0	33.7	18.7	18.8	7.58	81.0	32.6	9
10	643	36.0	280	38.6	47.7	202	32.6	15.7	26.0	7.36	108	27.9	10
11	507	756	194	36.3	80.2	122	238	15.2	37.6	8.74	482	45.9	11
12	490	612	180	31.4	85.7	85.0	221	14.4	31.2	8.44	347	88.4	12
13	394	424	166	29.0	81.8	83.9	158	14.1	28.9	8.20	234	132	13
14	161	278	134	27.2	80.7	85.2	161	13.8	28.1	8.80	185	106	14
15	107	219	106	27.2	80.5	89.9	104	13.1	22.8	8.47	836	88.7	15
16	78.6	192	76.6	30.1	48.1	82.6	74.6	12.3	22.4	8.52	484	61.8	16
17	89.3	284	62.0	37.1	54.9	88.2	67.9	11.8	20.8	10.9	352	42.7	17
18	482	241	53.6	46.3	88.1	80.4	60.0	11.3	17.8	11.8	272	35.8	18
19	378	161	48.2	86.3	83.1	83.7	44.7	10.2	16.3	84.4	184	30.7	19
20	187	170	43.6	60.4	87.8	86.8	40.4	9.49	14.6	88.7	105	28.8	20
21	128	126	40.2	57.7	80.3	40.8	36.3	8.78	13.1	305	76.4	22.5	21
22	82.0	155	38.1	49.8	79.3	36.9	31.5	8.63	12.2	318	89.5	20.88	22
23	76.4	295	36.8	60.9	81.0	37.3	26.9	8.34	11.4	154	81.3	29.18	23
24	78.9	333	40.3	85.8	88.8	40.1	26.8	8.07	10.4	83.3	83.8	19.78	24
25	188	174	36.7	88.5	81.2	41.0	24.9	7.72	9.53	122	80.8	19.18	25
26	245	133	34.3	82.8	74.8	44.9	24.7	7.52	11.5	588	81.2	18.8	26
27	221	114	35.7	88.8	71.0	41.5	37.0	7.30	13.3	342	71.4	18.0	27
28	150	83.5	37.4	80.4	66.3	38.8	35.8	21.4	11.1	189	88.0	16.7	28
29	102		42.0	73.1	123	43.3	30.8	23.9	10.1	88.0	48.8	14.2	29
30	73.9		44.5	84.8	111	43.7	27.1	17.6	9.31	87.0	41.2	82.3	30
31	88.5		79.3		85.2		25.5	14.9		77.0		93.3	31
TOTAL	6 012.4	5 108.6	2 847.1	1 848.4	2 234.7	1 837.1	1 845.7	466.85	535.34	2 588.74	5 404.9	1 202.8	TOTAL
MEAN	194	182	91.8	84.8	72.1	81.2	59.5	15.1	17.8	83.5	180	38.8	MEAN
MAX	643	756	574	91.8	123	302	238	27.7	37.6	588	836	132	MAX
MIN	34.7	32.4	32.2	27.2	47.7	36.9	24.7	7.30	9.31	8.47	41.2	14.2	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 66.9
MAXIMUM DAILY, 756 ON FEB 11
MINIMUM DAILY, 8.47 ON OCT 16
MAXIMUM INSTANTANEOUS,
1 280 AT 17:16 PST ON FEB 11

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 42 21 N
LONG 126 08 22 W
DRAINAGE AREA, 1 010 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	529 000	JUL	153 000
FEB	441 000	AUG	40 500
MAR	265 000	SEP	46 300
APR	162 000	OCT	224 000
MAY	193 000	NOV	497 000
JUN	159 000	DEC	104 000

TOTAL DISCHARGE, 2 740 000 dam³

GOLDSTREAM RIVER BELOW OLD CAMP CREEK - STATION NO. 08ND012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	6.008	6.708	6.91	8.90	42.8	192	105	97.3	60.1	18.1	38.3	12.2 B	1
2	6.058	6.558	6.80	10.1	44.0	170	98.8	83.9	63.2	17.3	30.4	12 1 B	2
3	6.108	6.408	6.55	10.3	45.0	188	114	84.6	71.6	16.8	29.2	11.8 B	3
4	6.208	6.208	6.49	11.0	45.5	160	104	77.1	69.0	17.4	35.4	11.5 B	4
5	6.458	6.108	6.37	11.8	46.1	124	108	71.8	61.1	16.8	31.9	11.0 B	5
6	6.458	6.208	6.36	11.6	50.8	120	108	73.1	58.8	15.6	28.7	10.8 B	6
7	6.508	6.308	6.26	13.1	57.3	142	104	84.8	60.1	15.3	28.7	10.4 B	7
8	6.608	6.508	6.27	14.1	58.5	139	105	83.9	58.7	14.6	29.8	10.2 B	8
9	6.608	6.358	6.92	13.2	49.6	138	108	87.6	51.4	14.3	33.2	10 3 B	9
10	6.708	6.408	8.84	12.8	45.3	128	86.9	78.4	58.3	14.2	31.9	10.0 B	10
11	6.858	6.508	10.1	12.0	43.4	120	118	80.8	57.7	13.9	21.4	9.808	11
12	7.008	6.608	9.84	11.6	42.5	93.6	282	78.4	57.3	13.5	20.6	9.608	12
13	6.858	6.758	9.04	11.3	46.3	83.6	317	82.4	56.6	13.3	19.6	9.408	13
14	6.708	7.008	9.01	11.4	47.8	89.7	252	86.5	53.5	12.8	19.3	9.208	14
15	6.808	7.308	9.02	11.8	48.5	107	184	89.5	29.7	12.8	18.9	8.808	15
16	6.608	7.358	9.05	12.8	53.0	108	141	84.3	33.4	12.3	21.9	8.108	16
17	6.858	7.408	9.04	13.5	53.8	123	123	80.3	36.2	12.0	21.4	8.108	17
18	6.908	7.858	8.84	16.0	54.3	147	108	49.4	29.0	11.8	20.8	7.808	18
19	6.958	7.808	8.55	20.1	52.6	107	106	44.8	25.4	11.5	20.7	7.208	19
20	6.908	7.608	8.44	24.0	52.2	96.5	108	43.6	23.9	11.7	19.1	6.708	20
21	6.858	7.858	8.27	28.8	53.1	81.2	111	41.0	22.5	11.9	18.3	6.608	21
22	6.808	7.408	8.13	31.1	54.8	74.3	96.1	38.5	22.5	15.0	17.4	6.408	22
23	6.808	7.308	8.05	31.4	79.5	79.0	83.5	38.8	22.5	17.7	16.8	6.308	23
24	6.758	7.158	8.32	35.3	104	86.3	88.4	40.2	23.1	14.9	16.5	6.208	24
25	6.808	7.408	8.45	51.9	120	88.3	84.4	43.2	25.0	14.1	16.3	6.308	25
26	7.308	7.258	8.42	45.4	126	73.1	110	41.1	26.6	15.7	15.9	6.408	26
27	7.608	7.108	8.41	38.9	112	73.8	84.2	41.5	29.4	26.0	15.6	6.208	27
28	7.508	6.958	8.46	37.8	140	87.5	78.1	42.0	23.3	24.6	15.4	6.108	28
29	7.308		8.57	38.1	180	101	78.6	41.7	20.2	20.3	13.9	6.208	29
30	7.208		8.81	41.9	204	130	73.4	45.5	18.7	19.9	13.5	6.608	30
31	7.108		9.57		205		78.8	48.3		42.8		6.908	31
TOTAL	210.15	183.58	251.89	844.50	2 378.6	3 424.5	3 779.3	1 830.0	994.0	509.1	854.4	286.20	TOTAL
MEAN	6.78	6.91	8.13	21.5	76.7	114	122	59.0	33.1	16.4	21.8	8.85	MEAN
MAX	7.80	7.85	10.1	51.9	205	192	317	97.3	71.6	42.8	38.3	12.2	MAX
MIN	6.00	6.10	6.26	8.90	42.5	73.1	73.4	38.5	18.7	11.8	13.8	6.10	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 41.6
MAXIMUM DAILY, 317 ON JUL 13
MINIMUM DAILY, 6.00B ON JAN 1
MAXIMUM INSTANTANEOUS,
383 AT 22:46 PST ON JUL 13

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 40 05 N
LONG 118 25 58 W
DRAINAGE AREA, 938 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	18 200	JUL	327 000
FEB	15 700	AUG	158 000
MAR	21 800	SEP	85 900
APR	55 700	OCT	44 000
MAY	205 000	NOV	55 500
JUN	298 000	DEC	22 900

TOTAL DISCHARGE, 1 310 000 dam³

GRAHAM RIVER ABOVE COLT CREEK - STATION NO. 07FA005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	8.708	5.058	4.428	4.408	18.1	87.4	88.8	41.8	18.8	17.8	10.7 B	8.808	1
2	8.508	5.018	4.448	4.388	17.7	87.6	130	38.4	18.9	17.2	10.8 B	8.638	2
3	7.808	4.978	4.438	4.858	17.7	78.7	198	38.4	18.4	17.1	10.4 B	8.708	3
4	7.308	4.818	4.408	5.048	18.0	87.8	167	37.6	18.0	16.7	10.1 B	8.758	4
5	7.288	4.728	4.508	5.218	18.3	81.9	152	35.9	17.7	16.8	9.828	8.658	5
6	7.358	4.708	4.438	5.288	18.4	88.2	128	34.3	17.9	18.0	9.408	8.408	6
7	7.258	4.758	4.508	5.028	18.8	91.8	171	32.8	18.2	15.7	9.058	8.008	7
8	6.808	4.858	4.528	4.738	20.9	88.2	177	31.4	18.7	15.1	8.708	8.888	8
9	6.208	4.888	4.808	4.858	23.4	87.5	147	30.8	18.5	14.8	8.808	8.598	9
10	5.808	5.188	5.208	4.848	23.0	91.7	128	30.8	17.9	14.3	8.488	8.808	10
11	5.408	5.428	5.258	4.888	22.8	98.2	110	27.8	17.8	13.7	8.378	8.588	11
12	5.488	5.738	4.988	4.828	23.5	83.7	101	27.8	17.1	13.3	8.388	8.808	12
13	5.928	5.858	4.628	5.028	24.8	86.6	90.3	28.2	18.7	13 0	8.228	8.308	13
14	6.208	5.828	4.408	5.408	26.9	88.1	84.5	28.3	18.3	13.0	8.208	8.058	14
15	6.328	5.678	4.388	5.678	27.1	84.8	77.7	24.7	18.3	12.8	8.188	4.958	15
16	5.808	5.248	4.408	8.378	28.1	83.1	71.8	23.9	18.3	12.5	8.088	4.908	16
17	5.888	5.038	4.408	8.908	31 4	89.8	88.4	23.8	18.8	13.4	8.028	4.838	17
18	5.958	5.038	4.308	7.308	36.0	86.8	88.0	24.8	18.8	12.1	8.008	4.848	18
19	5.908	5.228	4.008	7.528	37.1	81.8	81.8	25.3	18.6	11.7	7.888	4.908	19
20	6.008	5.608	3.768	8.388	37.8	118	87.7	24.7	18.8	11.7	7.738	4.828	20
21	5.708	5.908	3.868	8.058	48 7	113	88.0	25.8	18.0	11.7	7.508	4.908	21
22	5.288	5.858	3.808	10.1 B	55.2	103	86.8	25 1	18.5	11.8	7.308	4.808	22
23	4.908	5.608	3.838	11.2 B	55.2	93.3	83.8	24.1	18.3	11.8	7 188	4.708	23
24	4.888	5.858	3.888	11.2	55 4	86.8	80.4	23.0	18.1	11.8	7.058	4.708	24
25	4.788	5.888	3.768	11.8	55.1	87 4	48.8	23.3	13.8	11.1	7.008	4.738	25
26	4.958	4.808	3.888	11.8	57.4	104	80.4	21.3	14.4	11.1	8.988	4.808	26
27	5.208	4 408	3.838	12.3	54.8	97.8	81.1	20.3	17.0	11.1	8.988	4.808	27
28	5.458	4.388	3.848	13.2	52.4	86.8	81 1	19.8	18.5	10.8	8.838	4.748	28
29	5.588		3.888	15.4	57.1	82.8	48 6	18.9	18.8	10.6	8.808	4.658	29
30	5.508		4.188	17.7	74.1	80.8	48.3	20.8	18.0	10.7	8.728	4.648	30
31	5.218		4.468		92.1		44.1	20.8		10.8		4.808	31
TOTAL	188.82	145.88	132.81	233.87	1 147.0	2 294.1	2 852.3	848.4	508.2	409.7	247.33	188.45	TOTAL
MEAN	6.12	5.21	4.28	7.80	37.0	76.5	92.0	27.3	16.9	13.2	8.24	6.36	MEAN
MAX	8.70	5.90	5.26	17.7	92.1	118	198	41.8	18.8	17.8	10.7	8.75	MAX
MIN	4.88	4.38	3.83	4.38	17.7	47.5	44.1	19.8	13.8	10.8	8.72	4.80	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 25.1
MAXIMUM DAILY, 198 ON JUL 2
MINIMUM DAILY, 3.83B ON MAR 33
MAXIMUM INSTANTANEOUS,
203 AT 10:33 PST ON JUL 3

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 37 31 N
LONG 122 21 22 W
DRAINAGE AREA, 2 200 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	18 400	JUL	368 000
FEB	12 800	AUG	73 100
MAR	11 600	SEP	43 700
APR	20 200	OCT	35 400
MAY	99 100	NOV	21 400
JUN	188 000	DEC	14 300

TOTAL DISCHARGE, 782 000 dam³

GRANBY RIVER AT GRAND FORKS - STATION NO. 08NN002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.330	5.808	30.6	44.8	116	275	83.4	21.0	8.84	5.18	7.84	9.11	1
2	4.250	5.508	30.5	46.5	118	256	81.0	19.4	8.49	5.15	8.24	11.6	2
3	4.250	5.108	29.9	46.8	117	232	78.6	18.1	8.32	5.13	11.0	12.6 E	3
4	4.398	5.57	32.3	46.7	112	178	59.8	16.5	7.84	4.89	29.0	12.3 E	4
5	4.598	4.83	37.8	46.3	114	154	56.7	15.1	7.22	4.86	28.2	12.0 E	5
6	4.708	5.49	39.6	45.0	128	138	55.0	14.2	8.32	4.80	22.9	11.8 E	6
7	5.048	5.408	41.8	49.0	149	147	55.8	13.7	7.84	4.85	20.5	11.8 E	7
8	5.388	5.508	42.6	50.1	154	158	54.3	12.3	8.98	4.52	18.7	11.8 E	8
9	5.048	5.508	46.5	59.0	128	185	52.7	11.7	8.61	4.38	17.2	11.5 E	9
10	5.108	5.808	51.5	55.3	109	168	48.0	11.0	7.32	4.38	16.4	11.6 E	10
11	5.388	7.30	130	50.6	103	135	42.5	12.0	7.80	4.32	16.8	11.7 E	11
12	5.528	7.48	106	46.5	101	111	42.5	16.9	8.82	4.28	20.2	11.5 E	12
13	5.698	9.71	85.4	43.5	104	98.4	45.4	15.2	10.0	4.09	19.6	11.3 E	13
14	5.308	10.0	74.9	42.0	107	94.5	52.2	13.1	9.19	4.12	18.7	11.1 E	14
15	5.008	10.5	67.7	41.9	109	117	51.0	11.4	8.15	4.04	20.2	10.8 E	15
16	4.958	10.8	61.0	43.8	123	138	48.3	10.5	8.40	3.96	22.3	10.3 E	16
17	4.988	11.5	56.3	48.2	130	130	46.0	9.83	8.02	3.96	25.5	7.90	17
18	4.958	13.1	51.8	59.6	127	125	43.7	9.18	7.62	4.12	31.3	8.49	18
19	4.888	13.5	48.2	72.8	134	102	38.5	8.44	7.33	4.35	29.6	7.508	19
20	4.808	13.7	45.0	86.9	119	84.0	37.9	8.06	7.32	4.30	27.6	7.308	20
21	4.858	14.8	42.5	97.0	154	75.9	36.4	7.84	8.02	4.33	25.3	7.008	21
22	4.708	15.4	40.8	112	182	68.4	33.1	7.22	8.84	4.84	23.8	8.508	22
23	4.708	15.5	39.6	116	200	65.6	30.4	8.02	8.68	5.00	22.5	8.108	23
24	4.858	16.7	39.8	169	226	72.8	28.4	8.48	8.27	6.85	21.4	8.028	24
25	4.708	23.4	39.4	220	253	86.7	26.9	8.65	8.24	5.00	21.1	8.508	25
26	5.408	29.3	38.8	184	264	70.8	28.4	8.72	8.95	5.28	19.9	8.908	26
27	5.808	31.2	38.8	161	257	65.6	27.2	8.84	8.82	5.15	19.6	8.858	27
28	7.808	31.2	41.2	130	277	68.0	24.7	7.07	8.53	5.15	18.2	8.888	28
29	8.108		41.6	117	304	67.6	27.8	8.18	8.62	4.93	18.1	8.888	29
30	7.508		45.1	116	329	70.1	25.0	8.25	8.58	4.73	18.0	8.858	30
31	7.008		45.6		320		22.7	7.45		5.18		8.878	31
TOTAL	184.89	345.28	1 593.0	2 444.6	5 182	3 894.7	1 384.4	347.79	218.47	148.62	624.78	278.88	TOTAL
MEAN	5.31	12.3	51.4	81.5	167	133	43.7	11.2	7.28	4.73	20.6	9.00	MEAN
MAX	8.10	31.2	130	220	329	275	78.6	21.0	10.0	8.68	31.3	12.6	MAX
MIN	4.25	4.83	29.9	41.9	101	95.8	22.7	8.49	5.80	3.96	7.84	8.80	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 44.8
MAXIMUM DAILY, 329 ON MAY 30
MINIMUM DAILY, 3.96 ON OCT 16

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 02 39 N
LONG 118 26 19 W
DRAINAGE AREA, 2 050 km²

E - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	16 200	JUL	117 000
FEB	29 800	AUG	30 000
MAR	138 000	SEP	18 900
APR	211 000	OCT	12 700
MAY	446 000	NOV	54 000
JUN	338 000	DEC	24 100

TOTAL DISCHARGE, 1 410 000 dam³

GRAVE CREEK AT THE MOUTH - STATION NO. 08NK019

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.3288	0.3718	0.338E	0.381	1.43	4.41	1.14	0.787	0.471	0.400	0.356	0.2888	1
2	0.3228	0.3728	0.338E	0.388	1.44	3.98	1.11	0.782	0.480	0.405	0.344	0.2878	2
3	0.3208	0.3748	0.338E	0.392	1.58	3.98	1.21	0.738	0.454	0.404	0.488	0.2878	3
4	0.3208	0.3808	0.338E	0.382	1.67	3.77	1.09	0.726	0.447	0.408	1.07	0.2878	4
5	0.3208	0.3788	0.338E	0.382	1.80	3.59	1.05	0.709	0.478	0.398	0.849	0.2878	5
6	0.3238	0.3888	0.338E	0.405	1.91	3.45	1.08	0.884	0.437	0.391	0.571	0.2878	6
7	0.3288	0.3808	0.335E	0.480	2.05	3.32	1.04	0.873	0.434	0.388	0.518	0.2878	7
8	0.3288	0.3558	0.328E	0.485	2.00	3.32	1.06	0.888	0.423	0.388	0.471	0.2878	8
9	0.3288	0.3508	0.340E	0.476	1.88	3.32	0.988	0.880	0.430	0.388	0.428	0.2878	9
10	0.3478	0.3458	0.388E	0.480	1.78	2.83	0.958	0.870	0.422	0.387	0.413	0.2988	10
11	0.3558	0.3408	0.382E	0.468	1.80	2.71	0.928	0.887	0.423	0.388	0.418	0.2878	11
12	0.3558	0.3408	0.378E	0.443	1.86	2.66	0.947	0.848	0.434	0.387	0.406	0.2878	12
13	0.3488	0.3408	0.380E	0.443	1.83	2.33	1.01	0.805	0.421	0.388	0.402	0.2878	13
14	0.3448	0.3408	0.383E	0.488	1.87	2.23	1.35	0.798	0.428	0.383	0.395	0.2878	14
15	0.3408	0.3408	0.388E	0.498	2.08	2.18	1.18	0.877	0.418	0.381	0.392	0.2878	15
16	0.3368	0.340E	0.388E	0.588	2.08	2.08	1.28	0.873	0.427	0.388	0.382	0.2878	16
17	0.3368	0.338E	0.388A	0.618	2.17	1.98	1.35	0.845	0.447	0.382	0.387	0.2878	17
18	0.3398	0.3378	0.398	0.773	2.28	1.92	1.28	0.843	0.438	0.388	0.388	0.2878	18
19	0.3408	0.338E	0.357	0.826	2.19	1.75	1.24	0.838	0.414	0.385	0.382	0.2878	19
20	0.3388	0.338E	0.352	1.09	2.24	1.62	1.24	0.824	0.418	0.383	0.388	0.2868	20
21	0.3348	0.3388	0.352	1.30	2.79	1.53	1.18	0.488	0.412	0.385	0.378	0.2888	21
22	0.3328	0.335E	0.348	1.84	3.08	1.44	1.11	0.815	0.414	0.424	0.3828	0.2838	22
23	0.3468	0.3388	0.335	1.73	3.86	1.56	1.07	0.828	0.428	0.481	0.3808	0.2888	23
24	0.3758	0.3388	0.325	2.13	3.88	1.51	1.03	0.857	0.398	0.388	0.3488	0.2708	24
25	0.3848	0.3388	0.349	2.86	4.81	1.42	1.03	0.837	0.382	0.385	0.3328	0.2708	25
26	0.3808	0.3388	0.359	2.10	5.42	1.32	1.01	0.828	0.393	0.382	0.3328	0.2808	26
27	0.3808	0.3388	0.383	1.78	5.48	1.53	0.948	0.822	0.433	0.389	0.338	0.2808	27
28	0.3908	0.3388	0.388	1.83	6.38	1.25	0.892	0.834	0.437	0.385	0.3348	0.2878	28
29	0.3908		0.374	1.80	6.82	1.22	0.858	0.806	0.413	0.387	0.3288	0.2978	29
30	0.3838		0.386	1.80	6.29	1.23	0.827	0.480	0.408	0.388	0.3128	0.3088	30
31	0.3718		0.388		4.84		0.808	0.487		0.388		0.3108	31
TOTAL	10.788	9.731	10.834	28.418	88.38	71.34	33.378	18.578	12.884	11.888	12.852	9.038	TOTAL
MEAN	0.347	0.348	0.353	0.947	2.85	2.38	1.07	0.599	0.428	0.374	0.422	0.291	MEAN
MAX	0.388	0.388	0.388	2.88	6.82	4.41	1.35	0.787	0.478	0.481	1.07	0.318	MAX
MIN	0.328	0.328	0.328	0.381	1.43	1.22	0.808	0.487	0.382	0.347	0.312	0.278	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.870
MAXIMUM DAILY, 6.82 ON MAY 29
MINIMUM DAILY, 0.278E ON DEC 24
MAXIMUM INSTANTANEOUS,
6.81 AT 23:48 MST ON MAY 29

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 00 35 N
LONG 114 51 38 W
DRAINAGE AREA, 83.8 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	930	JUL	2 880
FEB	841	AUG	1 800
MAR	945	SEP	1 110
APR	2 480	OCT	1 000
MAY	7 800	NOV	1 080
JUN	6 180	DEC	781

TOTAL DISCHARGE, 27 400 dam³

GRAYLING RIVER NEAR THE MOUTH - STATION NO. 10BE011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.248	1.738	1.908	1.788	23.1	55.8	11.5	14.5	5.08	5.808	4.088	3.508	1
2	2.298	1.718	1.878	1.778	15.8	42.6	10.8	15.0	4.87	5.98	4.068	3.528	2
3	2.318	1.748	1.888	1.798	15.5	48.4	10.3	14.5	4.82	6.18	3.908	3.608	3
4	2.228	1.728	1.828	1.698	17.0	54.6	10.0	15.4	5.21	7.10	3.808	3.828	4
5	2.058	1.718	1.918	1.948	13.9	46.6	9.98	13.7	5.85	7.26	3.788	3.548	5
6	2.008	1.738	1.828	1.758	12.3	45.0	10.5	12.0	6.48	6.78	3.708	2.388	6
7	2.038	1.768	1.818	1.698	12.8	82.6	10.1	10.8	6.85	6.44	3.728	2.208	7
8	2.058	1.868	1.838	1.688	14.9	48.7	9.53	9.95	6.80	6.48	3.688	2.128	8
9	1.948	1.828	1.858	1.708	15.4	41.5	8.90	9.28	6.25	6.18	3.578	2.088	9
10	1.878	1.728	2.108	1.718	18.6	41.4	8.13	8.56	5.97	4.548	3.558	2.078	10
11	1.858	1.668	2.158	1.708	28.3	38.1	7.49	7.94	5.73	5.708	3.808	2.108	11
12	1.668	1.668	1.848	1.728	35.3	34.7	7.13	7.44	5.74	6.48	3.588	2.158	12
13	1.698	1.708	1.808	1.898	27.2	30.3	8.75	7.01	5.64	6.25	3.488	2.188	13
14	1.858	1.688	1.688	1.938	22.7	27.4	8.85	6.85	5.85	5.98	3.388	2.178	14
15	2.058	1.668	1.908	1.918	29.0	25.0	8.67	6.37	5.43	5.48	3.358	2.118	15
16	2.098	1.838	2.028	1.918	49.9	23.1	7.86	6.27	5.45	4.808	3.408	2.038	16
17	2.108	1.838	2.018	1.878	58.5	20.8	7.23	6.22	5.88	4.388	3.428	2.048	17
18	2.068	1.848	1.938	2.058	53.7	19.5	7.13	6.33	5.84	4.508	3.428	2.108	18
19	1.938	1.708	1.868	2.278	48.1	20.7	8.80	6.35	5.41	4.608	3.408	2.148	19
20	1.938	1.828	1.818	2.638	84.8	20.1	8.02	6.87	5.39	4.408	3.228	2.148	20
21	1.958	1.888	1.778	3.408	79.5	17.6	11.4	6.87	5.34	4.338	3.038	2.088	21
22	1.838	1.898	1.708	4.558	58.6	16.6	15.7	6.74	5.45	4.488	2.888	2.088	22
23	1.718	1.858	1.718	5.908	39.9	16.6	17.6	6.63	5.47	4.588	2.888	2.078	23
24	1.668	1.838	1.738	8.008	58.2	17.2	14.3	6.45	5.27	4.388	2.788	2.058	24
25	1.668	2.018	1.818	10.0 B	72.7	17.0	12.4	6.39	5.18	4.258	2.788	2.088	25
26	1.688	1.878	1.878	12.8 B	81.3	15.8	11.9	6.11	5.73	4.378	2.808	2.008	26
27	1.778	1.758	1.748	18.4	45.8	14.6	14.4	5.78	5.40	4.308	2.788	1.858	27
28	1.878	1.808	1.688	26.3	45.6	13.4	15.1	5.68	4.81	4.208	2.898	1.908	28
29	1.888		1.658	33.5	86.0	12.8	23.1	5.57	4.318	4.108	2.548	1.888	29
30	1.888		1.708	24.7	76.2	12.4	18.7	5.58	4.878	4.088	2.508	1.888	30
31	1.788		1.758		72.1		15.8	5.33		4.088		1.928	31
TOTAL	60.37	49.26	57.48	185.21	1 248.4	891.2	344.77	256.33	165.88	162.04	99.72	86.85	TOTAL
MEAN	1.95	1.76	1.85	5.17	40.2	29.7	11.1	8.33	5.52	5.23	3.32	2.15	MEAN
MAX	2.31	2.01	2.15	33.5	79.5	55.8	23.1	15.4	9.85	7.26	4.09	2.82	MAX
MIN	1.66	1.63	1.65	1.66	12.3	12.4	8.85	5.33	4.31	4.05	2.50	1.89	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 9.83
MAXIMUM DAILY, 79.5 ON MAY 21
MINIMUM DAILY, 1.638 ON FEB 16
MAXIMUM INSTANTANEOUS,
90.0 AT 05:26 PST ON MAY 21

TYPE OF GAUGE - RECORDING
LOCATION - LAT 59 22 29 N
LONG 125 04 07 W
DRAINAGE AREA, 1 780 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	5 220	JUL	29 800
FEB	4 280	AUG	22 300
MAR	4 970	SEP	14 300
APR	16 000	OCT	14 000
MAY	108 000	NOV	8 620
JUN	77 000	DEC	5 780

TOTAL DISCHARGE, 310 000 dam³

CREATA CREEK NEAR THE MOUTH - STATION NO. 08NM173

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.028	0.024	0.025	0.054	0.533	0.277	0.119	0.074	0.044	0.032	0.031	0.028	1
2	0.026	0.023	0.024	0.058	0.578	0.250	0.141	0.067	0.053	0.033	0.037	0.0288	2
3	0.027	0.024	0.023	0.063	0.606	0.238	0.123	0.065	0.045	0.031	0.038	0.0298	3
4	0.027	0.024	0.024	0.053	0.603	0.226	0.118	0.063	0.039	0.031	0.038	0.0318	4
5	0.027	0.024	0.024	0.059	0.594	0.213	0.109	0.059	0.041	0.032	0.038	0.0308	5
6	0.026	0.022	0.024	0.068	0.601	0.205	0.107	0.058	0.038	0.034	0.035	0.0288	6
7	0.024	0.022	0.025	0.078	0.630	0.197	0.108	0.054	0.038	0.034	0.035	0.0268	7
8	0.025	0.023	0.029	0.072	0.625	0.188	0.118	0.058	0.038	0.033	0.034	0.0308	8
9	0.026	0.021	0.046	0.082	0.576	0.183	0.122	0.060	0.037	0.034	0.034	0.0328	9
10	0.026	0.021	0.055	0.088	0.541	0.181	0.108	0.062	0.048	0.034	0.034	0.0328	10
11	0.026	0.021	0.045	0.086	0.532	0.174	0.104	0.077	0.071	0.034	0.036	0.0318	11
12	0.027	0.023	0.036	0.082	0.524	0.171	0.108	0.064	0.064	0.035	0.037	0.0298	12
13	0.027	0.026	0.034	0.082	0.534	0.164	0.105	0.058	0.046	0.034	0.038	0.0318	13
14	0.026	0.024	0.033	0.088	0.548	0.158	0.101	0.053	0.041	0.033	0.038	0.0328	14
15	0.026	0.022	0.030	0.085	0.564	0.170	0.097	0.047	0.038	0.034	0.047	0.0328	15
16	0.027	0.022	0.030	0.074	0.581	0.183	0.097	0.044	0.035	0.034	0.052	0.0308	16
17	0.026	0.024	0.031	0.082	0.583	0.175	0.095	0.045	0.037	0.035	0.058	0.0278	17
18	0.026	0.026	0.031	0.092	0.634	0.172	0.088	0.042	0.037	0.033	0.054	0.0258	18
19	0.024	0.024	0.030	0.102	0.595	0.158	0.087	0.041	0.038	0.033	0.043	0.0258	19
20	0.024	0.022	0.028	0.113	0.597	0.148	0.101	0.039	0.034	0.033	0.045	0.0248	20
21	0.022	0.023	0.030	0.131	0.559	0.149	0.089	0.038	0.034	0.033	0.039	0.0238	21
22	0.022	0.022	0.031	0.141	0.541	0.140	0.083	0.039	0.035	0.034	0.037	0.0228	22
23	0.022	0.026	0.034	0.156	0.525	0.143	0.084	0.037	0.038	0.034	0.037	0.0218	23
24	0.023	0.028	0.033	0.228	0.587	0.150	0.088	0.038	0.031	0.032	0.033	0.0218	24
25	0.026	0.032	0.033	0.331	0.548	0.146	0.089	0.038	0.031	0.032	0.044	0.0238	25
26	0.025	0.028	0.036	0.340	0.481	0.135	0.085	0.039	0.031	0.032	0.041	0.0268	26
27	0.026	0.025	0.043	0.340	0.436	0.128	0.084	0.038	0.031	0.032	0.039	0.0268	27
28	0.025	0.025	0.041	0.351	0.394	0.130	0.088	0.040	0.031	0.030	0.037	0.0248	28
29	0.028		0.048	0.388	0.355	0.135	0.078	0.040	0.031	0.030	0.034	0.0248	29
30	0.028		0.051	0.445	0.322	0.130	0.075	0.041	0.032	0.030	0.031	0.0288	30
31	0.026		0.050		0.296		0.073	0.039		0.031		0.0348	31
TOTAL	0.790	0.672	1.056	4.203	17.224	5.170	3.067	1.551	1.169	1.018	1.172	0.854	TOTAL
MEAN	0.025	0.024	0.034	0.140	0.556	0.172	0.099	0.050	0.039	0.033	0.039	0.028	MEAN
MAX	0.028	0.032	0.055	0.445	0.683	0.277	0.141	0.077	0.071	0.035	0.058	0.034	MAX
MIN	0.022	0.021	0.023	0.052	0.296	0.130	0.073	0.037	0.031	0.030	0.031	0.021	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.104
MAXIMUM DAILY, 0.683 ON MAY 17
MINIMUM DAILY, 0.021 ON FEB 8
MAXIMUM INSTANTANEOUS,
0.705 AT 02:30 PST ON MAY 17

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 47 40 N
LONG 118 51 04 W
DRAINAGE AREA, 40.7 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	68.3	JUL	268
FEB	58.1	AUG	134
MAR	91.2	SEP	101
APR	383	OCT	87.8
MAY	1 490	NOV	101
JUN	447	DEC	73.6

TOTAL DISCHARGE, 3 280 dam³

GREEN LAKE NEAR 70 MILE HOUSE - STATION NO. 08LF075

DAILY WATER LEVEL IN METRES FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.389E	1.401	1.404E	1.482E	1.542E	1.542	1.495	1.482	1.370	1.314	1.292	1.276	1
2	1.389E	1.403	1.408E	1.494E	1.544E	1.543	1.495	1.482	1.370	1.314	1.292	1.277	2
3	1.389E	1.403	1.408E	1.488E	1.548E	1.540	1.493	1.480	1.368	1.312	1.292	1.277	3
4	1.389E	1.402	1.410E	1.488E	1.548E	1.541	1.492	1.488	1.368	1.312	1.292	1.276	4
5	1.389E	1.401	1.410E	1.470E	1.550	1.538	1.492	1.454	1.368	1.312	1.292	1.275	5
6	1.390E	1.401	1.412E	1.474E	1.552	1.536	1.492	1.482	1.380	1.308	1.290	1.277	6
7	1.390E	1.403	1.414E	1.478E	1.552	1.533	1.490	1.448	1.358	1.306	1.290	1.276	7
8	1.390E	1.401	1.418E	1.482E	1.549	1.530	1.490	1.442	1.356	1.302	1.288	1.276	8
9	1.391E	1.402	1.418E	1.488E	1.548	1.531	1.488	1.442	1.356	1.302	1.288	1.277	9
10	1.391E	1.401	1.420E	1.490E	1.548	1.525	1.488	1.436	1.352	1.300	1.284	1.277	10
11	1.391	1.400	1.422E	1.495	1.548	1.521	1.483	1.420	1.348	1.300	1.282	1.278	11
12	1.392E	1.401	1.424E	1.499	1.548	1.520	1.482	1.413	1.348	1.300	1.282	1.278	12
13	1.392E	1.401	1.428E	1.498	1.548	1.519	1.482	1.418	1.342	1.300	1.280	1.281	13
14	1.389	1.400	1.428E	1.504	1.549	1.518	1.482	1.416	1.342	1.298	1.278	1.281	14
15	1.391	1.401	1.430E	1.508	1.549	1.518	1.482	1.416	1.338	1.298	1.278	1.280	15
16	1.388	1.401	1.434	1.508	1.548	1.518	1.480	1.417	1.338	1.298	1.278	1.280	16
17	1.390	1.402	1.434E	1.514	1.548	1.518	1.480	1.416	1.338	1.298	1.278	1.281	17
18	1.383	1.401	1.438E	1.518	1.548	1.517	1.480	1.417	1.338	1.298	1.278	1.280	18
19	1.385	1.401	1.438E	1.514	1.548	1.518	1.480	1.416	1.336	1.298	1.278	1.280	19
20	1.402	1.400	1.440E	1.524	1.548	1.509	1.478	1.416	1.338	1.298	1.276	1.279	20
21	1.401	1.401	1.442E	1.528	1.548	1.508	1.478	1.412	1.340	1.298	1.278	1.278	21
22	1.400	1.401	1.444E	1.526	1.546	1.508	1.472	1.410	1.342	1.298	1.278	1.280	22
23	1.398	1.401	1.448E	1.528E	1.548	1.508	1.472	1.410	1.340	1.298	1.274	1.280	23
24	1.400	1.400	1.448E	1.530E	1.548	1.508	1.470	1.400	1.340	1.296	1.274	1.279	24
25	1.400	1.401	1.450E	1.535E	1.544	1.508	1.470	1.398	1.338	1.296	1.276	1.281	25
26	1.401	1.401	1.452E	1.540E	1.544	1.503	1.468	1.398	1.334	1.297	1.278	1.280	26
27	1.402	1.401	1.454E	1.540E	1.544	1.503	1.468	1.378	1.320	1.295	1.278	1.281	27
28	1.402	1.402	1.458E	1.540E	1.546	1.503	1.468	1.370	1.320	1.294	1.277	1.288	28
29	1.402		1.458E	1.540E	1.546	1.498	1.468	1.388	1.318	1.294	1.275	1.293	29
30	1.401		1.460E	1.540E	1.544	1.498	1.468	1.388	1.314	1.294	1.276	1.295	30
31	1.401		1.460E		1.544		1.484	1.370		1.294		1.295	31
MEAN	1.394	1.401	1.432	1.505	1.547	1.515	1.480	1.418	1.344	1.301	1.281	1.280	MEAN
MAX	1.402	1.403	1.460	1.540	1.552	1.543	1.495	1.482	1.370	1.314	1.292	1.295	MAX
MIN	1.388	1.400	1.404	1.482	1.542	1.498	1.484	1.388	1.314	1.294	1.274	1.275	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1983

MEAN, 1.408
MAXIMUM DAILY, 1.552 ON MAY 6
MINIMUM DAILY, 1.274 ON NOV 18

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 22 30 N
LONG 121 15 48 W

E - ESTIMATED

NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

GREYBACK LAKE AT THE OUTLET - STATION NO. 08NM169

DAILY WATER LEVEL IN METRES FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	28.270	---	---	28.087	28.787	28.091	---	1
3	---	---	---	---	---	28.350	---	---	28.058	28.757	28.087	---	2
4	---	---	---	---	---	28.370	---	---	28.023	28.731	28.098	---	3
5	---	---	---	---	---	28.385	---	---	27.986	28.704	28.103	---	4
6	---	---	---	---	---	28.390	---	28.985A	27.948	28.872	28.109	---	5
7	---	---	---	---	---	---	---	28.981	27.904	28.843	28.110	---	6
8	---	---	---	---	---	---	---	28.984	27.882	28.820	28.103	---	7
9	---	---	---	---	---	---	---	28.938	27.817	28.589	28.097	---	8
10	---	---	---	---	---	---	---	28.902	27.772	28.563	28.087	---	9
11	---	---	---	---	---	---	---	28.871	27.730	28.537	28.082	---	10
12	---	---	---	---	---	---	---	28.887	27.894	28.505	28.071	---	11
13	---	---	---	---	---	---	---	28.881	27.858	28.480	28.088	---	12
14	---	---	---	---	---	---	---	28.838	27.822	28.457	28.081	---	13
15	---	---	---	---	---	---	---	28.817	27.878	28.430	28.040	---	14
16	---	---	---	---	---	---	---	28.788	27.832	28.408	28.034	---	15
17	---	---	---	---	---	---	---	28.782	27.483	28.377	28.022	---	16
18	---	---	---	---	---	---	---	28.714	27.448	28.367	28.018	---	17
19	---	---	---	---	---	---	---	28.678	27.403	28.338	28.013	---	18
20	---	---	---	---	---	---	---	28.643	27.353	28.308	28.998	---	19
21	---	---	---	---	---	---	---	28.602	27.308	28.283	28.978	---	20
22	---	---	---	---	---	---	---	28.582	27.288	28.281	---	---	21
23	---	---	---	---	---	---	---	28.520	27.211	28.268	---	---	22
24	---	---	---	---	---	---	---	28.478	27.183	28.228	---	---	23
25	---	---	---	---	---	---	---	28.435	27.109	28.189	---	---	24
26	---	---	---	---	---	---	---	28.393	27.058	28.188	---	---	25
27	---	---	---	---	---	---	---	28.343	27.001	28.157	---	---	26
28	---	---	---	---	---	28.314A	---	28.308	26.960	28.149	---	---	27
29	---	---	---	---	---	---	---	28.285	26.890	28.131	---	---	28
30	---	---	---	---	---	---	---	28.223	26.842	28.112	---	---	29
31	---	---	---	---	---	---	---	28.178	26.807	28.093	---	---	30
MEAN	---	---	---	---	28.060A	---	---	28.131	---	28.088	---	---	31
MAX	---	---	---	---	---	---	---	---	27.485	28.389	---	---	MEAN
MIN	---	---	---	---	---	---	---	---	28.087	28.787	---	---	MAX
								---	26.807	28.088	---	---	MIN

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 37 30 N
LONG 118 25 24 W

A - MANUAL GAUGE

REGULATED

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

GRIZZLY SWAMP NEAR MADDO LAKE - STATION NO. 08LC047

DAILY WATER LEVEL IN METRES FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	8.084	8.330	7.486	-0.143	---	---	---	---	---	6.858	6.706	6.098	1
2	---	---	---	---	---	---	---	8.382	---	---	---	---	2
3	---	---	---	---	5.867	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	9.119	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	7.315	---	---	---	6
7	---	---	---	---	---	8.246	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	8.230	---	---	---	---	9
10	---	---	---	---	7.620	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	9.088	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	7.183	---	---	---	13
14	---	---	---	---	---	8.271	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	8.028	---	---	---	---	16
17	---	---	---	---	8.890	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	8.992	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	7.010	---	---	---	20
21	---	---	---	---	---	8.265	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	7.925	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	---	---	---	---	8.839	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	7.010	---	---	---	27
28	---	---	---	---	---	8.144	---	---	---	---	---	---	28
29	---		---	---	---	---	---	---	---	---	---	---	29
30	---		---	---	---	---	---	7.620	---	---	---	---	30
31	---		---		---		---	---		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - MANUAL
LOCATION - LAT 60 05 20 N
LONG 119 05 00 W
DATA CONTRIBUTED BY -
BRITISH COLUMBIA MINISTRY OF ENVIRONMENT

REGULATED

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

CUICHON CREEK ABOVE TUNKWA LAKE DIVERSION - STATION NO. 08LC058

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.0308	0.0308	0.0358	0.049	0.302	0.426	0.173	0.032	0.034	0.032	0.034	0.0188	1
2	0.0388	0.0288	0.0348	0.044	0.332	0.389	0.284	0.028	0.098	0.037	0.035	0.0188	2
3	0.0328	0.0278	0.0338	0.048	0.336	0.382	0.320	0.028	0.078	0.040	0.037	0.0158	3
4	0.0278	0.0268	0.0338	0.049	0.324	0.332	0.285	0.024	0.038	0.038	0.038	0.0188	4
5	0.0278	0.0288	0.0338	0.061	0.324	0.347	0.245	0.023	0.027	0.036	0.032	0.0178	5
6	0.0278	0.0278	0.0338	0.057	0.318	0.320	0.223	0.020	0.022	0.034	0.030	0.0178	6
7	0.0288	0.0288	0.0338	0.064	0.301	0.292	0.208	0.018	0.023	0.032	0.028	0.0188	7
8	0.0308	0.0298	0.0358	0.046	0.291	0.272	0.206	0.018	0.032	0.032	0.026	0.0188	8
9	0.0328	0.0318	0.0728	0.042	0.288	0.247	0.238	0.018	0.034	0.030	0.028	0.0208	9
10	0.0358	0.0348	0.0888	0.040	0.318	0.246	0.209	0.014	0.042	0.030	0.027	0.0218	10
11	0.0388	0.0348	0.0848	0.038	0.315	0.247	0.184	0.024	0.088	0.028	0.038	0.0218	11
12	0.0398	0.0328	0.0478	0.035	0.308	0.258	0.170	0.028	0.083	0.028	0.038	0.0218	12
13	0.0378	0.0318	0.0438	0.033	0.312	0.235	0.154	0.018	0.038	0.029	0.035	0.0238	13
14	0.0308	0.0298	0.0418	3.034	0.326	0.209	0.140	0.012	0.029	0.027	0.033	0.0248	14
15	0.0298	0.0298	0.0388	0.037	0.350	0.203	0.147	0.012	0.027	0.038	0.038	0.0248	15
16	0.0298	0.0288	0.0408	0.045	0.371	0.188	0.148	0.010	0.038	0.031	0.047	0.0218	16
17	0.0318	0.0298	0.0408	0.061	0.419	0.202	0.139	0.010	0.080	0.037	0.052	0.0208	17
18	0.0338	0.0298	0.0398	0.068	0.478	0.198	0.120	0.011	0.073	0.048	0.051	0.0198	18
19	0.0348	0.0298	0.0408	0.088	0.477	0.188	0.108	0.010	0.054	0.038	0.037	0.0188	19
20	0.0328	0.0298	0.0448	0.077	0.513	0.202	0.098	0.008	0.040	0.034	0.037	0.0178	20
21	0.0308	0.0298	0.0448	0.083	0.647	0.250	0.084	0.009	0.038	0.032	0.034	0.0148	21
22	0.0288	0.0308	0.0438	0.080	0.701	0.218	0.082	0.011	0.048	0.033	0.028	0.0148	22
23	0.0288	0.0358	0.0448	0.081	0.780	0.184	0.088	0.009	0.054	0.030	0.024	0.0148	23
24	0.0298	0.0428	0.0488	0.145	0.834	0.230	0.071	0.010	0.049	0.028	0.0218	0.0138	24
25	0.0308	0.0488	0.0488	0.230	0.839	0.210	0.068	0.038	0.039	0.028	0.0228	0.0158	25
26	0.0328	0.0428	0.0488	0.300	0.770	0.211	0.081	0.028	0.034	0.031	0.0238	0.0178	26
27	0.0328	0.0368	0.0448	0.255	0.701	0.200	0.083	0.020	0.034	0.032	0.0228	0.0188	27
28	0.0318	0.0358	0.0448	0.254	0.624	0.181	0.082	0.018	0.032	0.031	0.0228	0.0178	28
29	0.0318		0.043A	0.253	0.563	0.183	0.068	0.017	0.033	0.029	0.0208	0.0208	29
30	0.0318		0.064	0.298	0.508	0.207	0.036	0.018	0.033	0.021	0.0188	0.0238	30
31	0.0318		0.060		0.462		0.031	0.018		0.03'		0.0248	31
TOTAL	0.991	0.883	1.338	2.984	14.425	7.507	4.439	0.552	1.313	1.024	0.948	0.577	TOTAL
MEAN	0.032	0.032	0.047	0.099	0.465	0.250	0.143	0.018	0.044	0.033	0.032	0.019	MEAN
MAX	0.060	0.048	0.072	0.300	0.839	0.426	0.320	0.038	0.098	0.048	0.052	0.024	MAX
MIN	0.027	0.026	0.033	0.033	0.291	0.189	0.031	0.008	0.022	0.028	0.018	0.013	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.101
MAXIMUM DAILY, 0.839 ON MAY 25
MINIMUM DAILY, 0.008 ON AUG 20
MAXIMUM INSTANTANEOUS,
0.893 AT 05:41 PST ON MAY 25

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 38 30 N
LONG 120 54 39 W
DRAINAGE AREA, 78.2 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	85.6	JUL	384
FEB	76.3	AUG	47.7
MAR	116	SEP	113
APR	256	OCT	88.5
MAY	1 250	NOV	81.8
JUN	649	DEC	49.8

TOTAL DISCHARGE, 3 200 dam³

GUICHON CREEK AT OUTLET OF NAHIT LAKE - STATION NO 08LG041

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.427	0.417	0.412	0.538	4.86	3.98	1.02	0.539	0.320	0.120	0.044	0.260	1
2	0.427	0.417	0.417	0.529	5.22	3.83	1.07	0.530	0.320	0.120	0.038	0.240	2
3	0.425	0.414	0.419	0.536	5.43	3.03	1.11	0.530	0.328	0.120	0.035	0.244	3
4	0.425	0.412	0.419	0.523	5.80	2.92	1.13	0.521	0.336	0.112	0.032	0.240	4
5	0.425	0.408	0.422	0.535	7.33	2.80	1.15	1.76	0.328	0.105	0.050	0.240	5
6	0.422	0.399	0.427	0.545	7.74	2.84	1.15	1.85	0.320	0.104	0.071	0.2388	6
7	0.422	0.393	0.430	0.586	7.63	2.39	1.11	1.58	0.320	0.103	0.078	0.2368	7
8	0.425	0.381	0.443	0.577	7.53	2.17	1.05	1.48	0.320	0.082	0.088	0.2358	8
9	0.425	0.383	0.451	0.591	7.76	2.04E	1.03	1.43	0.312	0.085	0.092	0.2338	9
10	0.425	0.381	0.461	0.598	7.97	1.90E	1.01	1.42	0.300	0.078	0.092	0.232	10
11	0.427	0.388	0.470	0.608	7.93	1.73E	1.01	1.32	0.288	0.075	0.089	0.232	11
12	0.440	0.391	0.475	0.619	7.88	1.65E	0.988	1.26	0.284	0.071	0.092	0.232	12
13	0.438	0.391	0.552	0.615	7.25	1.59E	0.983	1.15	0.240	0.088	0.089	0.240	13
14	0.438	0.393	0.812	0.608	7.00	1.49	0.955	1.11	0.240	0.084	0.092	0.240	14
15	0.432	0.388	0.812	0.605	6.80	1.37	0.950	0.988	0.238	0.088E	0.103	0.248	15
16	0.432	0.388	0.818	0.638	6.18	1.26	0.940	0.575	0.268	0.071	0.113	0.248	16
17	0.430	0.401	0.808	0.854	6.32	1.24	0.930	0.530	0.272	0.071	0.128	0.2458	17
18	0.427	0.401	0.801	0.882	6.38	1.15	0.895	0.521	0.268	0.078	0.144	0.2378	18
19	0.427	0.401	0.787	0.745	6.42	1.11	0.885	0.494	0.272	0.078	0.168	0.2008	19
20	0.425	0.388	0.580	0.798	6.48	1.08	0.850	0.476	0.256	0.085	0.180	0.1808	20
21	0.422	0.388	0.580	0.928	6.51	1.09	0.850	0.480E	0.264	0.108	0.188	0.1808	21
22	0.422	0.401	0.588	1.06	6.58	1.07	0.845	0.430E	0.258	0.085	0.208	0.1728	22
23	0.425	0.408	0.558	1.26	6.40	1.05	0.845	0.410E	0.258	0.084	0.212	0.1808	23
24	0.425	0.408	0.542	1.88	6.32	1.10	0.835	0.385E	0.252	0.071	0.224	0.1708	24
25	0.422	0.409	0.529	2.18	6.17	1.09	0.825	0.382E	0.240	0.085	0.228	0.2008	25
26	0.419	0.408	0.529	3.17	6.01	1.08	0.811	0.370E	0.208	0.084	0.232	0.2308	26
27	0.419	0.412	0.523	3.57	5.78	1.07	0.883	0.385E	0.172	0.088	0.238	0.2208	27
28	0.419	0.412	0.514	4.00	5.48	1.05	0.584	0.340E	0.156	0.081	0.240	0.2008	28
29	0.419		0.508	4.20	5.27	1.04	0.575	0.338	0.140	0.057	0.240	0.2108	29
30	0.419		0.514	4.62	4.89	1.04	0.582	0.320	0.128	0.050	0.240	0.2308	30
31	0.417		0.528		4.50		0.553	0.308		0.044		0.2488	31
TOTAL	13.182	11.217	15.804	38.884	199.65	91.85	27.918	23.948	7.888	2.524	4.087	5.857	TOTAL
MEAN	0.426	0.401	0.513	1.30	6.44	1.75	0.900	0.773	0.263	0.081	0.136	0.221	MEAN
MAX	0.440	0.417	0.818	4.62	7.97	3.98	1.15	1.76	0.336	0.120	0.240	0.248	MAX
MIN	0.417	0.381	0.412	0.523	4.50	1.04	0.553	0.308	0.128	0.044	0.032	0.180	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.11
MAXIMUM DAILY, 7.97 ON MAY 10
MINIMUM DAILY, 0.032 ON NOV 4

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - MANUAL
LOCATION - LAT 50 21 48 N
LONG 120 48 32 W
DRAINAGE AREA, 842 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 140	JUL	2 410
FEB	888	AUG	2 070
MAR	1 370	SEP	682
APR	3 360	OCT	218
MAY	17 200	NOV	363
JUN	4 480	DEC	592

TOTAL DISCHARGE, 34 800 dam³

GUICHON CREEK NEAR LOWER NICOLA - STATION NO. 08LG004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.4458	0.555	0.483	0.702	5.54	4.01	1.04	0.434	0.287	0.292	0.259	0.1558	1
2	0.4808	0.555	0.404	0.748	5.84	3.84	1.04	0.448	0.288	0.292	0.292	0.1408	2
3	0.4788	0.583	0.448	0.785	5.84	3.78	1.02	0.448	0.350	0.297	0.275	0.1558	3
4	0.4908	0.541	0.452	0.763	5.04	3.32	1.05	0.344	0.358	0.309	0.249	0.1508	4
5	0.5108	0.483	0.452	0.800	5.68	2.20	1.07	0.858	0.382	0.328	0.284	0.1528	5
6	0.5308	0.470	0.483	0.808	11.8	2.18	1.07	1.01	0.315	0.321	0.259	0.1578	6
7	0.5508	0.534	0.495	0.838	11.8	2.13	1.05	1.08	0.275	0.309	0.258	0.1628	7
8	0.5708	0.527	0.483	0.848	12.3	2.03	1.04	1.13	0.275	0.309	0.270	0.1698	8
9	0.804	0.548	0.848	0.838	12.3	2.18	1.02	0.938	0.275	0.315	0.275	0.1778	9
10	0.618	0.534	0.880	0.848	12.5	2.03	0.948	0.838	0.270	0.309	0.270	0.1828	10
11	0.597	0.597	0.848	0.878	11.3	1.78	0.818	0.800	0.284	0.309	0.284	0.1908	11
12	0.702	0.928	0.848	0.809	10.1	1.38	0.928	0.800	0.223	0.315	0.259	0.2008	12
13	0.681	0.748	0.748	0.878	9.32	1.32	0.928	0.723	0.188	0.282	0.284	0.2128	13
14	0.618	0.723	0.858	0.878	8.52	1.28	0.908	0.648	0.188	0.275	0.284	0.2208	14
15	0.804	0.674	0.818	0.874	8.08	1.30	0.774	0.883	0.142	0.297	0.244	0.2158	15
16	0.489	0.611	0.783	0.718	8.48	1.22	0.709	0.818	0.118	0.318	0.209	0.2108	16
17	0.541	0.587	0.838	0.800	8.17	1.28	0.867	0.582	0.118	0.268	0.152	0.2058	17
18	0.804	0.858	0.800	0.858	8.43	1.17	0.723	0.495	0.119	0.238	0.181	0.1868	18
19	0.889	0.853	0.783	0.928	8.61	1.14	0.785	0.483	0.115	0.258	0.175	0.1928	19
20	0.841	0.828	0.838	1.10	8.89	1.14	0.818	0.484	0.124	0.270	0.190	0.1889	20
21	0.804	0.883	0.818	1.38	8.25	1.18	0.818	0.434	0.119	0.284	0.190	0.1858	21
22	0.883	0.832	0.818	1.88	7.88	1.18	0.578	0.404	0.147	0.275	0.168	0.1808	22
23	0.841	0.818	0.783	1.88	7.28	1.17	0.590	0.392	0.128	0.292	0.181	0.1798	23
24	0.883	0.848	0.858	2.27	7.39	1.18	0.578	0.388	0.118	0.288	0.157	0.1778	24
25	0.811	0.874	0.785	2.23	8.64	1.18	0.568	0.388	0.142	0.275	0.181	0.1788	25
26	0.838	0.848	0.718	3.08	8.28	1.15	0.534	0.344	0.178	0.258	0.188	0.1798	26
27	0.874	0.804	0.702	5.10	8.02	1.13	0.498	0.338	0.284	0.248	0.178	0.1828	27
28	0.881	0.841	0.708	5.23	8.88	1.17	0.488	0.308	0.282	0.284	0.178	0.1878	28
29	0.887		0.708	5.20	8.01	1.14	0.477	0.303	0.288	0.248	0.171	0.1948	29
30	0.853		0.702	5.19	4.88	1.12	0.477	0.303	0.288	0.284	0.171	0.1978	30
31	0.882		0.718		4.50		0.484	0.300E		0.259		0.1998	31
TOTAL	17.998	17.288	21.058	50.898	283.15	52.02	24.370	17.837	6.885	8.851	8.837	5.888	TOTAL
MEAN	0.581	0.617	0.679	1.69	8.49	1.73	0.785	0.589	0.222	0.288	0.218	0.183	MEAN
MAX	0.702	0.928	0.858	5.19	12.5	4.01	1.08	1.13	0.358	0.328	0.292	0.220	MAX
MIN	0.489	0.470	0.404	0.674	4.50	1.12	0.484	0.300	0.118	0.238	0.152	0.140	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.35
MAXIMUM DAILY, 12.5 ON MAY 10
MINIMUM DAILY, 0.118 ON SEP 18

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - MANUAL
LOCATION - LAT 50 05 58 N
LONG 120 52 40 W
DRAINAGE AREA, 1 230 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 580	JUL	2 110
FEB	1 490	AUG	1 520
MAR	1 620	SEP	575
APR	4 370	OCT	788
MAY	22 700	NOV	565
JUN	4 490	DEC	490

TOTAL DISCHARGE, 43 400 dam³

HADDO LAKE AT THE OUTLET - STATION NO. 08LC044

DAILY WATER LEVEL IN METRES FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.804	5.131	5.844	5.842	---	---	---	---	---	2.886	2.810	3.353	1
2	---	---	---	---	---	---	---	4.877	---	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	5.583	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	4.389	---	---	---	6
7	---	---	---	---	---	5.071	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	4.724	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	5.105	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	4.623	---	---	---	13
14	---	---	---	---	---	5.020	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	4.620	---	---	---	---	16
17	---	---	---	---	5.944	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	5.105	---	---	---	---	---	19
20	---	---	---	5.887	---	---	---	---	4.775	---	---	---	20
21	---	---	---	---	---	5.944	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	4.115	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	---	---	---	---	5.029	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	4.572	---	---	---	27
28	---	---	---	---	---	5.781	---	---	---	---	---	---	28
29	---		---	---	---	---	---	---	---	---	---	---	29
30	---		---	---	---	---	---	4.26~	---	---	---	---	30
31	---		---		---		---	---		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - MANUAL
LOCATION - LAT 50 05 40 N
LONG 119 05 03 W
DATA CONTRIBUTED BY -
BRITISH COLUMBIA MINISTRY OF ENVIRONMENT

REGULATED

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

HAIRSINE CREEK NEAR THE MOUTH - STATION NO. 08MN138

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.785	0.177	0.075	0.121	0.080	0.484	---	---	---	1
2	---	---	---	0.725	0.173	0.170	0.242	0.071	0.340	---	---	---	2
3	---	---	---	0.480	0.173	0.092	0.110	0.057	0.270	---	---	---	3
4	---	---	---	0.413	0.144	0.088	0.088	0.052	0.093	---	---	---	4
5	---	---	---	0.300	0.144	0.088	0.073	0.048	0.091	---	---	---	5
6	---	---	---	0.298	0.173	0.072	0.073	0.048	0.144	---	---	---	6
7	---	---	---	0.283	0.335	0.084	0.073	0.048	0.127E	0.086	---	---	7
8	---	---	---	0.218	0.335	0.067	0.072	0.048	0.108	---	---	---	8
9	---	---	---	0.300	0.385	0.056	0.071	0.048	0.092	---	---	---	9
10	---	---	---	0.315	0.285	0.058	0.071	0.048	0.308	---	---	---	10
11	---	---	---	0.283	0.248	0.056	1.32	0.058	0.188	---	---	---	11
12	---	---	---	0.218	0.208	0.051	2.18	0.048	0.144	---	---	---	12
13	---	---	---	0.130	0.155	0.048	5.36	0.048	0.144	---	---	---	13
14	---	---	---	0.144	0.141	0.048	1.51	0.048	0.105	---	---	---	14
15	---	---	---	0.144	0.170	0.048	1.27	0.048	0.105	---	---	---	15
16	---	---	---	0.144	0.144	0.056	0.870	0.048	0.088	---	---	---	16
17	---	---	---	0.144	0.144	0.078	0.404	0.048	0.088	---	---	---	17
18	---	---	---	0.144	0.144	0.118	0.242	0.048	0.080	---	---	---	18
19	---	---	---	0.144	0.144	0.144	0.180	0.048	0.073	---	---	---	19
20	---	---	---	0.182	0.144	0.121	0.180	0.047	0.070	---	---	---	20
21	---	---	---	0.170	0.141	0.113	0.158	0.047	0.087	---	---	---	21
22	---	---	---	0.144	0.141	0.110	0.144	0.048	0.083	---	---	---	22
23	---	---	---	0.144	0.108	0.110	0.124	0.048	0.087	---	---	---	23
24	---	---	---	0.720	0.088	0.110	0.110	0.048	0.084	---	---	---	24
25	---	---	---	0.822	0.078	0.110	0.110	0.048	0.084	---	---	---	25
26	---	---	---	0.538	0.070	0.110	0.110	0.048	0.134	---	---	---	26
27	---	---	---	0.350	0.068	0.091	0.110	0.048	0.074	0.331	---	---	27
28	---	---	0.167	0.257	0.068	0.072	0.110	0.084	0.084	---	---	---	28
29	---		---	0.218	0.051	0.070	0.088	0.059	0.088	---	---	---	29
30	---		---	0.180	0.051	0.070	0.082	0.058	0.059	---	---	---	30
31	---		---		0.051		0.082	0.058		---		---	31
TOTAL	---	---	---	9.071	4.645	2.541	15.540	1.613	3.725	---	---	---	TOTAL
MEAN	---	---	---	0.302	0.150	0.085	0.501	0.052	0.124	---	---	---	MEAN
MAX	---	---	---	0.785	0.385	0.170	5.36	0.080	0.484	---	---	---	MAX
MIN	---	---	---	0.130	0.051	0.048	0.071	0.048	0.084	---	---	---	MIN

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 11 28 N
LONG 122 22 30 W

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 340
FEB	---	AUG	138
MAR	---	SEP	322
APR	734	OCT	---
MAY	418	NOV	---
JUN	220	DEC	---

HALFWAY RIVER ABOVE GRAHAM RIVER - STATION NO. 07FA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.908	4.228	4.428	4.928	20.3	87.2	90.5	61.9	25.0	18.0	8.158	5.628	1
2	5.558	4.208	4.508	4.788	16.7	84.1	132 A	58.4	23.8	17.4	7.728	5.608	2
3	5.288	4.158	4.508	4.788	17.3	73.2	285	56.3	22.8	17.0	7.758	5.618	3
4	5.188	3.938	4.558	4.988	17.3	85.5	264	54.3	21.8	16.7	7.858	5.638	4
5	5.188	3.708	4.848	5.508	17.2	80.0	223	51.8	21.4	16.1	7.458	5.658	5
6	5.248	3.788	4.558	5.558	17.7	57.3	183	50.0	21.8	15.4	7.408	5.408	6
7	5.228	3.808	4.638	5.358	17.8	52.7	230	48.0	22.7	15.1	7.388	4.958	7
8	5.088	4.028	4.608	5.108	20.8	49.6	290	45.9	22.3	14.8	7.388	4.808	8
9	4.908	4.008	4.708	5.038	24.4	51.7	235	45.5	21.7	14.1	7.388	4.728	9
10	4.788	4.158	5.258	5.008	27.4	57.9	189	44.1	21.1	13.8	7.348	4.788	10
11	4.708	4.428	5.488	5.038	28.1	61.3	155	43.0	20.4	13.3	7.208	4.818	11
12	4.738	4.678	5.308	5.188	29.6	122	131	41.3	19.7	12.8	7.088	4.828	12
13	4.788	4.828	5.108	5.408	28.6	121	117	39.8	19.1	12.3	7.008	4.728	13
14	4.858	4.758	4.908	5.588	28.9	114	112	38.2	18.5	12.7	6.938	4.538	14
15	5.008	4.408	4.808	6.008	28.2	98.8	102	36.7	18.4	12.7	6.858	4.398	15
16	4.978	4.228	4.678	6.608	28.6	91.8	92.2	35.4	18.1	12.2	6.908	4.278	16
17	4.858	4.208	4.638	7.508	28.5	86.8	86.8	34.1	17.9	11.8	6.958	4.208	17
18	4.608	4.358	4.408	8.408	32.3	80.3	80.7	34.2	17.8	11.5	6.818	4.208	18
19	4.808	4.658	4.508	9.408	34.0	103 A	80.7	34.0	17.4	11.2	6.758	4.288	19
20	4.788	5.108	4.258	10.5 B	34.2	150 E	78.0	33.3	17.1	10.8	6.858	4.398	20
21	4.688	5.458	4.028	12.2 B	35.8	240 E	79.7	32.6	16.3	11.1	6.538	4.488	21
22	4.308	5.108	4.008	14.5	43.1	192 E	78.4	32.2	15.7	10.7	6.398	4.458	22
23	4.008	5.158	4.008	14.9	44.4	138 E	73.2	31.3	15.2	10.3	6.318	4.338	23
24	3.828	5.308	4.088	15.2	44.6	86.0E	67.6	30.0	15.0	10.1	6.288	4.268	24
25	3.808	5.008	4.288	16.8	44.4	103 E	65.9	28.7	15.0	9.88	6.208	4.258	25
26	3.908	4.558	4.328	15.9	44.8	176 E	66.6	27.3	15.0	9.22	6.218	4.378	26
27	4.078	4.228	4.358	15.4	45.1	151 E	74.0	26.0	15.6	8.86	6.208	4.328	27
28	4.388	4.408	4.398	15.0	43.3	128 E	79.8	24.9	16.0	8.75	6.058	4.208	28
29	4.508		4.568	15.5	42.8	102 E	74.8	25.3	16.8	8.59	5.908	4.218	29
30	4.528		4.608	21.0	53.0	80.0A	70.1	26.1	16.3	8.73	5.738	4.188	30
31	4.278		5.008		78.1		65.4	25.8		8.70		4.158	31
TOTAL	146.77	124.77	143.07	278.12	1 024.7	3 104.8	3 953.3	1 196.8	571.7	383.90	208.81	144.55	TOTAL
MEAN	4.73	4.45	4.62	9.30	33.1	103	128	38.6	19.1	12.4	6.88	4.66	MEAN
MAX	5.90	5.45	5.48	21.0	78.1	240	290	61.9	25.0	18.0	8.15	5.65	MAX
MIN	3.80	3.70	4.00	4.78	17.2	49.6	65.4	24.9	15.0	8.59	5.73	4.15	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 30.9
MAXIMUM DAILY, 290 ON JUL 8
MINIMUM DAILY, 3.708 ON FEB 5
MAXIMUM INSTANTANEOUS,
313 AT 03:00 PST ON JUL 8

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 30 30 N
LONG 122 14 26 W
DRAINAGE AREA, 3 780 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	12 700	JUL	342 000
FEB	10 800	AUG	103 000
MAR	12 400	SEP	49 400
APR	24 100	OCT	33 200
MAY	88 500	NOV	17 800
JUN	268 000	DEC	12 500

TOTAL DISCHARGE, 974 000 dam³

HALFWAY RIVER NEAR FARRELL CREEK (LOWER STATION) - STATION NO. 07FA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	16.18	12.3 B	9.558	11.68	52.1	187	221	114	44.5E	35.6E	19.7	11.4 B	1
2	15.38	12.1 B	9.708	11.58	50.6	189	288	107	42.5E	34.6E	19.0	11.5 B	2
3	14.98	11.8 B	9.508	11.48	48.4	172	500	102	41.7E	34.0E	17.8	11.5 B	3
4	14.38	11.3 B	9.528	12.08	47.5	153	548	98.1	39.8E	36.2E	19.2	11.4 B	4
5	14.38	11.0 B	9.658	12.98	46.7	141	480	93.5	39.5E	35.0E	18.88	11.2 B	5
6	14.48	11.1 B	9.408	13.08	46.9	130	408	87.9	38.5E	34.0A	18.18	11.0 B	6
7	14.48	11.6 B	9.608	12.78	48.1	120	421	83.1	41.3E	32.8	17.48	10.8 B	7
8	14.18	12.0 B	9.458	12.28	52.1	113	553	79.5	41.3E	32.0	18.78	10.7 B	8
9	13.88	12.1 B	10.1 B	12.18	76.9	108	430	78.8	39.8E	30.7	16.38	10.6 B	9
10	13.28	12.1 B	10.9 B	12.18	93.8	113	334	71.8	37.9E	30.3	16.18	10.5 B	10
11	13.08	12.3 B	11.2 B	12.38	91.3	138	277	68.8	38.6E	29.3	15.98	10.8 B	11
12	13.18	12.9 B	11.0 B	12.68	86.5	181	241	66.4	38.7E	28.3	16.88	10.5 B	12
13	13.08	13.0 B	10.4 B	13.18	83.7	223	213	64.2	34.8E	27.6	16.78	10.4 B	13
14	12.98	12.7 B	10.1 B	13.68	82.2	211	193	62.8	35.0E	27.6	16.48	10.2 B	14
15	14.08	11.8 B	10.0 B	14.68	79.8	197	178	61.2A	35.0E	27.8	15.48	9.908	15
16	13.78	10.5 B	9.878	15.58	77.4	185	163	59.8E	34.3E	26.8	15.38	9.708	16
17	13.68	10.4 B	9.808	15.08	77.8	174	154	58.0E	33.9E	25.9	15.28	9.558	17
18	13.68	10.6 B	9.608	24.08	81.4	163	148	56.3E	33.1E	25.8	15.08	9.458	18
19	13.48	11.1 B	9.558	29.58	86.3	179	143	56.8E	32.9E	25.2	14.78	9.428	19
20	13.18	11.9 B	9.208	34.58	88.8	398	137	58.2E	31.4E	24.8	14.28	9.808	20
21	12.38	12.4 B	8.958	42.08	89.4	454	137	58.8E	31.0E	24.2	13.88	9.808	21
22	11.68	11.7 B	8.808	50.58	106	383	140	57.0E	30.2E	23.5	13.18	9.658	22
23	11.18	11.3 B	8.678	53.4	111	303	137	56.0E	29.1E	23.2	12.88	9.458	23
24	10.68	12.2 B	8.858	55.9	112	288	128	53.7E	28.3E	23.0	12.48	9.288	24
25	10.78	11.0 B	9.108	54.6	111	278	121	51.5E	28.2E	22.6	12.38	9.208	25
26	11.18	9.508	9.388	52.0	113	328	121	48.5E	28.2E	21.5	12.28	9.228	26
27	11.98	9.308	9.408	48.0	114	302	124	48.3E	33.5E	20.8	12.18	9.288	27
28	12.48	9.508	9.508	46.6	108	262	139	44.5E	35.5E	20.4	11.98	9.188	28
29	12.68		9.508	44.6	106	239	141	46.0E	38.0E	20.2	11.78	9.108	29
30	12.98		10.4 B	48.6	120	223	128	47.3E	38.8E	19.8	11.58	9.058	30
31	12.78		11.0 B		180		120	47.3E		19.2		9.028	31
TOTAL	410.3	322.10	302.71	807.0	2 845.7	6 492	7 480	2 084.0	1 089.4	842.1	455.5	311.73	TOTAL
MEAN	13.2	11.5	9.76	26.9	85.3	218	241	67.2	35.8	27.2	15.2	10.1	MEAN
MAX	16.1	13.0	11.2	55.9	180	454	553	114	44.5	36.2	19.7	11.5	MAX
MIN	10.7	9.30	8.80	11.4	46.7	108	120	44.5	28.2	19.2	11.5	9.02	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 63.6
MAXIMUM DAILY, 553 ON JUL 8
MINIMUM DAILY, 8.808 ON MAR 22
MAXIMUM INSTANTANEOUS,
626 AT 02:11 PST ON JUL 8

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 13 40 N
LONG 121 28 50 W
DRAINAGE AREA, 9 400 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	35 400	JUL	848 000
FEB	27 800	AUG	180 000
MAR	28 200	SEP	92 400
APR	83 700	OCT	72 400
MAY	229 000	NOV	38 400
JUN	581 000	DEC	26 900

TOTAL DISCHARGE, 2 010 000 dam³

HALFWAY RIVER NEAR FARRELL CREEK (UPPER STATION) - STATION NO. 07FA005

DAILY WATER LEVEL IN METRES FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.798	0.830	0.885	1.341	1.509	1.062	0.634	0.558	0.408	---	1
2	---	---	0.799	0.829	0.871	1.387	1.728	1.032	0.618	0.559	0.394	---	2
3	---	---	0.801	0.828	0.893	1.333	2.319	1.011	0.602	0.548	0.390	---	3
4	---	---	0.804	0.827	0.947	1.244	2.420	0.978	0.586	0.573	0.418	---	4
5	---	---	0.811	0.827	0.944	1.188	2.304	0.944	0.581	0.548	0.402	---	5
6	---	---	0.803	0.826	0.945	1.159	2.117	0.911	0.585	0.537	0.372	---	6
7	---	---	0.810	0.823	0.956	1.111	2.179	0.880	0.602	0.523	0.365	---	7
8	---	---	0.804	0.821	0.999	1.074	2.564	0.846	0.601	0.520	0.358	---	8
9	---	---	0.802	0.820	0.949	1.060	2.311	0.819	0.600	0.509	0.352A	---	9
10	---	0.743A	0.797	0.821	0.931	1.098	2.080	0.805	0.591	0.502	---	---	10
11	---	0.730	0.801	0.820	0.913	1.236	1.908	0.787	0.580	0.495	---	---	11
12	---	0.731	0.806	0.819	0.896	1.468	1.795A	0.769	0.565	0.484	---	---	12
13	---	0.738	0.808	0.821	0.881	1.575A	---	0.756	0.555	0.484	---	---	13
14	---	0.752	0.813	0.820	0.864	1.581	---	0.735	0.554	0.491	---	---	14
15	---	0.758	0.813	0.821	0.852	1.548	---	0.719	0.550	0.488	---	---	15
16	---	0.771	0.813	0.822	0.838	1.498	---	0.710	0.555	0.479	---	---	16
17	---	0.780	0.824	0.825	0.840	1.447	---	0.709	0.552	0.471	---	---	17
18	---	0.786	0.830	0.825	0.885	1.401	---	0.718	0.547	0.465	---	---	18
19	---	0.780	0.829	0.813	0.887	1.488A	---	0.711	0.544	0.462	---	---	19
20	---	0.798	0.829	0.734	0.885	2.154A	1.286A	0.705	0.537	0.458	---	---	20
21	---	0.805	0.828	0.677	0.902	2.148	1.291	0.713	0.528	0.456	---	---	21
22	---	0.814	0.829	0.682	0.984	1.818	1.303	0.703	0.519	0.481	---	---	22
23	---	0.813	0.830	0.702	1.003	1.767	1.283	0.687	0.510	0.448	---	---	23
24	---	0.806	0.831	0.718	1.002	1.847	1.199	0.672	0.502	0.438	---	---	24
25	---	0.807	0.830	0.708	0.996	1.904	1.165	0.660	0.499	0.435	---	---	25
26	---	0.809	0.830	0.681	1.003	1.819	1.188	0.650	0.498	0.424	---	---	26
27	---	0.814	0.828	0.650	1.011	1.714	1.250	0.637	0.518	0.435	---	---	27
28	---	0.813	0.829	0.631	0.988	1.621	1.295	0.627	0.589	0.423	---	---	28
29	---		0.831	0.636	0.975	1.550	1.218	0.637	0.591	0.410	---	---	29
30	---		0.832	0.693	1.049	1.501	1.155	0.642	0.578	0.408	---	---	30
31	---		0.832		1.233		1.108	0.645		0.409		---	31
MEAN	---	---	0.817	0.770	0.989	1.492	---	0.770	0.582	0.480	---	---	MEAN
MAX	---	---	0.832	0.830	1.233	2.154	---	1.062	0.634	0.573	---	---	MAX
MIN	---	---	0.797	0.631	0.844	1.090	---	0.627	0.498	0.408	---	---	MIN

SUMMARY FOR THE YEAR 1983

WATER LEVELS IN METRES

MAXIMUM DAILY, 2.564 ON JUL 8

MAXIMUM INSTANTANEOUS,
2.654 AT 05:44 PST ON JUL 8

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 15 04 N
LONG 121 37 39 W

A - MANUAL GAUGE

NATURAL FLOW

DRAINAGE AREA,
9 350 km²

HARPER CREEK NEAR THE MOUTH - STATION NO. 08LB076

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.782B	1.29B	1.40	1.86	9.98	32.0	11.4	3.67	2.13	1.50	4.34	1.89	1
2	0.760B	1.27B	1.37	1.86	11.0	28.0	12.0	3.27	4.86	1.48	4.50	1.80 B	2
3	0.767B	1.21B	1.37	1.88	11.2	23.9	12.0	3.00	3.75	1.48	4.55	1.78 B	3
4	0.800B	1.09B	1.38	1.91	11.2	20.3	10.7	2.71	2.98	1.49	5.33	1.78 B	4
5	0.872B	1.06B	1.34	1.93	11.8	18.5	9.85	2.53	2.52	1.47	4.14	1.51 B	5
6	0.831B	1.11E	1.36	1.95	12.8	18.4	8.85	2.41	2.22	1.44	3.85	1.28 B	6
7	1.06 B	1.19E	1.35	2.00	13.8	20.7	8.41	2.28	2.18	1.41	3.44	1.20 B	7
8	1.31 B	1.21A	1.37	2.02	11.5	20.2	7.47	2.21	2.14	1.40	3.27	1.18 B	8
9	1.37 B	1.13	2.08	2.01	10.0	18.8	10.1	2.18	2.13	1.39	3.11	1.17 B	9
10	1.40 B	1.11	2.44	1.97	8.03	17.7	7.53	2.44	2.12	1.38	3.00	1.16 B	10
11	1.46 B	1.12	2.44	1.91	8.62	15.6	12.2	2.63	2.30	1.37	3.07	1.14 B	11
12	1.46 B	1.22	2.21	1.92	9.02	12.9	19.2	2.42	2.28	1.33	2.94	1.12 B	12
13	1.47 B	1.26	2.13	1.91	9.68	11.9	16.7	2.21	2.16	1.29	2.83	1.10 B	13
14	1.41 B	1.22	2.10	1.92	10.3	12.9	14.1	2.09	2.24	1.28	2.78	1.07 B	14
15	1.24 B	1.19	2.08	2.00	10.8	15.6	11.7	1.98	2.12	1.26	2.90	1.05 B	15
16	1.21 B	1.18	2.06	2.17	12.4	15.1	10.2	1.88	2.30	1.26	4.34	0.9808	16
17	1.29 B	1.17	2.04	2.42	13.8	22.5	8.88	1.83	2.25	1.29	4.32	0.9308	17
18	1.36 B	1.18	1.99	3.04	13.4	17.5	7.80	1.78	2.11	1.28	3.86	0.8708	18
19	1.40 B	1.17	1.96	3.62	12.2	13.6	6.96	1.72	1.98	1.28	3.51	0.8208	19
20	1.40 B	1.18	1.88	4.40	14.4	14.2	6.53	1.84	1.97	1.37	2.92	0.7708	20
21	1.39 B	1.18	1.85	6.53	18.0	11.5	6.02	1.58	1.92	1.63	2.70	0.7408	21
22	1.34 B	1.18	1.84	6.81	19.0	10.7	5.28	1.55	1.85	3.23	2.52	0.7008	22
23	1.25 B	1.28	1.86	7.20	21.8	13.5	4.77	1.50	1.80	2.26	2 [illegible]	0.8858	23
24	1.21 B	1.57	1.88	9.17	24.9	14.8	4.80	1.50	1.71	1.83	2.[illegible]	0.8808	24
25	1.20 B	1.74	1.87	10.8	27.0	12 0	5.04	1.47	1.68	1.84	2.3[illegible]	0.8808	25
26	1.21 B	1.53	1.84	10.1	25.8	10.6	5.64	1.44	1.60	2.00	2.27	0.8638	26
27	1.21 B	1.46	1.82	9.00	25.7	10.3	4.41	1.42	1.62	3.56	2.23	0.8858	27
28	1.22 B	1.41	1.81	8.80	30.7	10.2	4.08	1.46	1.57	2.77	2.16	0.8638	28
29	1.26 B		1.82	8.99	35.6	11.3	3.78	1.93	1.53	2.46	2.11	0.8858	29
30	1.26 B		1.86	9.81	38.0	14.7	3.56	1.70	1.51	2.71	2.03	0.8808	30
31	1.32 B		1.84		36.3		3.45	1.61		5.63		0.7008	31
TOTAL	37.682	34.91	56.60	131.87	531.43	490.2	263.01	64.02	65.51	57.37	96.41	32.191	TOTAL
MEAN	1.22	1.25	1.83	4.40	17.1	16.3	8.48	2.07	2.18	1.85	3.21	1.04	MEAN
MAX	1.46	1.74	2.44	10.8	38.0	32.0	19.2	3.67	4.86	5.63	5.33	1.89	MAX
MIN	0.760	1.06	1.34	1.86	8.62	10.2	3.45	1.42	1.51	1.26	2.03	0.880	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.10
MAXIMUM DAILY, 38.0 ON MAY 30
MINIMUM DAILY, 0.8808 ON DEC 24
MAXIMUM INSTANTANEOUS,
48.0 AT 19:35 PST ON MAY 30

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 21 15 N
LONG 119 52 50 W
DRAINAGE AREA, 168 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	3 280	JUL	22 700
FEB	3 020	AUG	5 530
MAR	4 880	SEP	5 680
APR	11 400	OCT	4 950
MAY	45 900	NOV	8 330
JUN	42 400	DEC	2 780

TOTAL DISCHARGE, 161 000 dam³

HARRISON LAKE NEAR HARRISON HOT SPRINGS - STATION NO. 08MG012

DAILY WATER LEVEL IN METRES FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	9.080	9.254	9.781	9.292	9.545	11.363	10.806	10.435	9.790	9.087	9.523	9.611	1
2	9.026	9.226	9.727	9.292	9.586	11.462	10.603	10.421	9.878	9.054	9.522	9.439	2
3	9.009	9.181	9.676	9.281	9.620	11.520	10.627	10.414	9.911	9.021	9.500	9.378	3
4	8.999	9.148	9.610	9.285	9.644	11.512	10.610	10.397	9.918	8.989	9.552	9.328	4
5	9.010	9.113	9.552	9.343	9.661	11.469	10.572	10.381	9.906	8.983	10.035	9.278	5
6	9.013	9.077	9.499	9.223	9.695	11.388	10.543	10.320	9.905	8.938	10.042	9.225	6
7	9.025	9.048	9.464	9.195	9.728	11.276	10.504	10.276	9.883	8.915	10.038	9.186	7
8	9.192	9.022	9.444	9.193	9.756	11.210	10.452	10.221	9.854	8.887	10.001	9.149	8
9	9.298	9.015	9.563	9.178	9.757	11.189	10.387	10.201	9.807	8.859	9.948	9.121	9
10	9.432	9.001	9.711	9.180	9.748	11.259	10.335	10.213	9.787	8.831	9.898	9.083	10
11	9.574	9.037	9.772	9.139	9.735	11.313	10.344	10.235	9.767	8.809	9.864	9.061	11
12	9.612	9.284	9.781	9.123	9.722	11.285	10.589	10.258	9.713	8.785	9.780	9.038	12
13	9.630	9.488	9.772	9.104	9.721	11.175	11.007	10.288	9.685	8.780	9.866	9.014	13
14	9.619	9.585	9.788	9.085	9.724	11.089	11.302	10.284	9.618	8.722	9.952	8.993	14
15	9.588	9.626	9.798	9.085	9.738	10.995	11.412	10.258	9.588	8.707	10.133	8.983	15
16	9.544	9.646	9.771	9.065	9.752	10.943	11.398	10.237	9.606	8.893	10.524	8.976	16
17	9.513	9.688	9.722	9.035	9.765	10.988	11.314	10.202	9.683	8.884	10.821	8.939	17
18	9.489	9.769	9.684	9.040	9.780	11.020	11.222	10.168	9.685	8.878	10.818	8.898	18
19	9.438	9.798	9.613	9.080	9.802	10.983	11.128	10.126	9.624	8.883	10.558	8.889	19
20	9.417	9.821	9.588	9.085	9.831	10.911	11.050	10.082	9.576	8.856	10.480	8.838	20
21	9.387	9.815	9.521	9.127	9.857	10.833	10.985	10.041	9.537	8.887	10.324	8.785A	21
22	9.360	9.807	9.474	9.165	9.866	10.757	10.937	9.984	9.586	8.740	10.206	---	22
23	9.316	9.831	9.437	9.188	10.007	10.707	10.870	9.926	9.585	8.783	10.095	---	23
24	9.287	9.893	9.402	9.259	10.227	10.695	10.802	9.887	9.520	8.818	10.003	---	24
25	9.276	9.939	9.364	9.327	10.364	10.701	10.748	9.857	9.508	8.833	9.922	---	25
26	9.278	9.917	9.332	9.382	10.468	10.889	10.708	9.828	9.188	8.838	9.847	---	26
27	9.306	9.882	9.306	9.415	10.582	10.861	10.682	9.792	9.173	8.813	9.790	---	27
28	9.341	9.834	9.285	9.437	10.677	10.843	10.612	9.770	9.187	9.034	9.729	---	28
29	9.331		9.279	9.459	10.818	10.842	10.585	9.767	9.180	9.102	9.695	---	29
30	9.303		9.291	9.488	11.037	10.830	10.521	9.755	9.121	9.222	9.593	---	30
31	9.281		9.292		11.225		10.470	9.747		9.410		8.582A	31
MEAN	9.321	9.491	9.557	9.213	9.891	11.041	10.774	10.119	9.583	8.873	10.024	---	MEAN
MAX	9.620	9.939	9.788	9.488	11.225	11.520	11.412	10.435	9.918	9.410	10.831	---	MAX
MIN	8.999	9.001	9.279	9.039	9.545	10.830	10.335	9.747	9.121	8.859	9.523	---	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1983

MAXIMUM DAILY, 11.520 ON JUN 3

MAXIMUM INSTANTANEOUS,
11.530 AT 04:34 PST ON JUN 4

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 18 31 N
LONG 121 48 35 W

A - MANUAL GAUGE

NATURAL FLOW

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

HARRISON RIVER AT HARRISON MILLS - STATION NO. 08MG014

DAILY WATER LEVEL IN METRES FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.817	1.056	1.017	1.483	2.935	4.978	4.056	3.821	2.461	1.780	2.316	1.722	1
2	0.788	1.062	1.078	1.511	2.961	5.137	4.080	3.748	2.577	1.716	2.211	1.654	2
3	0.808	1.026	1.532	1.515	2.980	5.267	4.112	3.683	2.678	1.672	2.537	1.571	3
4	0.978	1.004	1.478	1.527	2.985	5.288	4.117	3.641	2.581	1.623	2.879	1.478	4
5	1.085	0.982	1.415	1.540	2.985	5.198	4.078	3.608	2.589	1.588	2.841	1.389	5
6	1.042	0.880	1.371	1.562	3.031	5.037	4.027	3.580	2.620	1.524	2.801	1.285	6
7	1.200	0.892	1.340	1.574	3.084	4.892	3.971	3.555	2.745	1.498	2.728	1.233	7
8	1.358	0.866	1.347	1.627	3.107	4.776	3.892	3.461	2.783	1.501	2.665	1.202	8
9	1.607	0.850	1.488	1.724	3.109	4.730	3.820	3.405	2.718	1.511	2.530	1.207	9
10	2.230	0.855	1.801	1.893	3.135	4.848	3.789	3.378	2.656	1.492	2.410	1.182	10
11	2.227	0.928	1.880	1.988	3.170	4.843	3.828	3.333	2.670	1.480	2.473	1.130	11
12	1.884	1.421	1.762	1.908	3.189	4.738	4.323	3.326	2.576	1.398	2.488	1.089	12
13	1.700	1.613	1.718	1.808	3.113	4.728	4.480	3.328	2.426	1.347	2.384	1.084	13
14	1.588	1.841	1.754	1.688	3.087	4.717	4.653	3.318	2.393	1.311	2.282	1.164	14
15	1.510	1.628	1.789	1.620	3.054	4.614	4.619	3.336	2.312	1.285	2.674	1.174	15
16	1.615	1.468	1.753	1.584	3.030	4.488	4.862	3.383	2.148	1.285	3.173	1.158	16
17	1.361	1.518	1.727	1.575	3.041	4.441	4.874	3.246	2.124	1.241	3.620A	1.123	17
18	1.288	1.723	1.727	1.611	3.083	4.470	4.678	3.196	2.109	1.227	2.880E	1.061	18
19	1.244	1.828	1.703	1.694	3.146	4.435	4.787	3.157	2.100	1.230	2.770E	0.983	19
20	1.235	1.863	1.674	1.810	3.286	4.429	4.834	3.093	2.143	1.234	2.645E	0.811	20
21	1.244	1.824	1.644	1.889	3.427	4.466	4.807	3.039	2.121	1.230	2.520E	0.778	21
22	1.218	1.835	1.610	2.001	3.529	4.536	4.393	2.950	2.077	1.268	2.390E	0.727	22
23	1.169	1.738	1.575	2.202	3.618	4.577	4.312	2.837	1.987	1.290	2.310E	0.735	23
24	1.132	1.669	1.530	2.432	3.628	4.606	4.284	2.733	1.932	1.328	2.210A	0.628	24
25	1.078	1.672	1.488	2.665	4.041	4.473	4.251	2.642	1.883	1.325	2.180	1.644	25
26	1.068	1.787	1.462	2.728	4.110	4.388	4.172	2.573	1.852	1.377	2.055	1.732	26
27	1.180	1.734	1.422	2.784	4.158	4.287	4.088	2.531	1.835	1.518	1.982	1.328	27
28	1.142	1.678	1.382	2.828	4.282	4.287	4.041	2.492	1.812	1.584	1.904	1.023	28
29	1.128		1.291	2.883	4.485	4.248	4.003	2.474	1.788	1.578	1.855	1.042	29
30	1.111		1.489	2.918	4.708	4.142	3.978	2.455	1.782	1.643	1.788	1.066	30
31	1.068		1.471		4.884		3.900	2.439		2.338		0.788	31
MEAN	1.304	1.370	1.586	1.956	3.435	4.671	4.262	3.152	2.271	1.471	2.484	1.178	MEAN
MAX	2.230	1.872	1.901	2.918	4.884	5.288	4.874	3.831	2.783	2.336	3.172	1.722	MAX
MIN	0.788	0.880	1.340	1.483	2.935	4.142	3.788	2.439	1.788	1.227	1.788	0.727	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1983

MEAN, 2.431
MAXIMUM DAILY, 5.288 ON JUN 4
MINIMUM DAILY, 0.727 ON DEC 22
MAXIMUM INSTANTANEOUS,
5.302 AT 09:40 PST ON JUN 4

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 14 01 N
LONG 121 57 30 W

A - MANUAL GAUGE

E - ESTIMATED

NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 4.823 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

HARRISON RIVER BELOW MORRIS CREEK - STATION NO. 08MG022

DAILY WATER LEVEL IN METRES FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	8.885	9.020	9.434	9.042	9.235	10.644	9.988	9.863	9.404	---	9.247	9.246	1
2	8.836	8.999	9.384	9.044	9.255	10.750	9.990	9.856	9.442	---	9.314	9.193	2
3	8.816	8.965	9.344	9.037	9.292	10.825	10.006	9.850	9.488	---	9.442	9.148	3
4	8.811	8.935	9.300	9.029	9.313	10.832	9.997	9.838	9.487	---	9.554	9.110	4
5	8.822	8.911	9.259	9.007	9.321	10.787	9.966	9.808	9.488	---	9.608	9.066	5
6	8.829	8.881	9.230	8.984	9.348	10.659	9.943	9.780	9.484	---	9.817	9.026	6
7	8.838	8.861	9.189	8.955	9.372	10.573	9.921	9.746	9.466	---	9.816	9.000	7
8	8.980	8.834	9.175	8.957	9.389	10.508	9.876	9.717	9.446	---	9.897	8.965	8
9	9.056	8.825	9.255	8.948	9.393	10.471	9.831	9.702	9.417	---	9.989	8.944	9
10	9.163	8.813	9.385	8.931	9.385	10.530	9.790	9.709	9.393	---	9.537	8.906	10
11	9.288	8.845	9.413	8.914	9.380	10.560	9.826	9.717	9.371	---	9.533	8.880	11
12	9.299	9.061	9.421	8.905	9.374	10.508	10.106	9.728	9.348	---	9.575	8.850	12
13	9.301	9.205	9.418	8.887	9.372	10.490	10.342	9.738	9.309	---	9.604	8.845	13
14	9.305	9.276	9.418	8.870	9.373	10.362	10.535	9.733	9.270	---	9.583	8.840	14
15	9.283	9.307	9.420	8.852	9.383	10.313	10.627	9.722	9.240	---	9.713	8.822	15
16	9.251	9.324	9.409	8.840	9.369	10.290	10.638	9.712	9.195A	---	9.873	8.828	16
17	9.219	9.352	9.376	8.838	9.402	10.268	10.583	9.685	---	---	10.028	8.816	17
18	9.185	9.405	9.337	8.837	9.416	10.302	10.521	9.665	---	---	10.018	8.780	18
19	9.155	9.423	9.291	8.849	9.429	10.276	10.437	9.633	---	---	9.980	8.765	19
20	9.142	9.444	9.262	8.874	9.450	10.230	10.380	9.602	---	---	9.909	8.752	20
21	9.126	9.444	9.217	8.907	9.499	10.183	10.306	9.575	---	---	9.823	8.707	21
22	9.108	9.441	9.190	8.944	9.570	10.157	10.250	9.541	---	---	9.738	8.659	22
23	9.074	9.453	9.161	8.977	9.645	10.161	10.191	9.493	---	---	9.688	8.641	23
24	9.056	9.486	9.136	9.015	9.747	10.161	10.148	9.469	---	---	9.606	8.670	24
25	9.036	9.536	9.105	9.069	9.852	10.113	10.104	9.453	---	---	9.541	8.580	25
26	9.039	9.527	9.076	9.121	9.936	10.061	10.071	9.432	---	---	9.485	8.513	26
27	9.053	9.502	9.055	9.143	10.013	10.051	10.032	9.411	---	8.760A	9.453	8.508	27
28	9.080	9.462	9.043	9.158	10.088	10.060	10.000	9.395	---	8.851	9.46.	8.502	28
29	9.077		9.038	9.171	10.225	10.034	9.966	9.385	---	8.826	9.384	8.478	29
30	9.057		9.047	9.204	10.382	10.012	9.935	9.360	---	9.008	9.309	8.466	30
31	9.039		9.042		10.539		9.886	9.377		9.164		8.455	31
MEAN	9.070	9.187	9.262	8.977	9.574	10.388	10.135	9.638	---	---	9.614	8.805	MEAN
MAX	9.305	9.536	9.434	9.204	10.539	10.832	10.638	9.863	---	---	10.028	9.246	MAX
MIN	8.811	8.813	9.038	8.837	9.235	10.012	9.790	9.377	---	---	9.247	8.455	MIN

SUMMARY FOR THE YEAR 1983

WATER LEVELS IN METRES

MAXIMUM DAILY, 10.832 ON JUN 4

MAXIMUM INSTANTANEOUS,
10.843 AT 23:27 PST ON JUN 3

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 17 07 N
LONG 121 54 06 W

A - MANUAL GAUGE

NATURAL FLOW

DRAINAGE AREA,
7 850 km²

HARRISON RIVER NEAR HARRISON HOT SPRINGS - STATION NO. 08MG013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	223	280	488	290	376	1 280	854	766	488	233	367	363	1
2	217	272	443	290	391	1 310	855	758	506	224	404	337	2
3	212	269	424	287	403	1 350	864	755	521	216	473	317	3
4	209	250	399	283	412	1 330	855	748	524	208	542	301	4
5	212	241	378	277	418	1 310	836	728	518	199	572	287	5
6	213	231	358	271	431	1 280	821	707	516	194	578	272	6
7	219	223	345	283	443	1 210	802	684	508	190	574	261	7
8	263	215	338	283	456	1 170	774	659	488	186	559	251	8
9	282	213	382	259	464	1 180	748	650	476	179	536	243	9
10	336	208	437	254	451	1 200	715	655	459	176	515	237	10
11	386	219	461	248	448	1 230	719	666	450	170	513	223	11
12	400	289	485	243	441	1 200	898	675	438	165	537	217	12
13	407	355	461	239	441	1 150	1 060	680	420	159	543	210B	13
14	403	380	468	233	442	1 080	1 220	679	401	154	542	200B	14
15	391	406	472	227	447	1 050	1 280	676	383	151	619	193B	15
16	378	413	460	222	452	1 030	1 280	666	361	148	811	187B	16
17	364	425	441	220	458	1 040	1 230	650	352	147	858	179B	17
18	347	450	419	220	464	1 070	1 180	634	348	145	859	172B	18
19	338	471	401	226	474	1 080	1 130	614	332	143	828	168B	19
20	329	482	384	233	488	1 010	1 080	604	316	142	772	168B	20
21	320	480	367	245	516	988	1 050	575	303	144	709	152B	21
22	308	476	349	255	563	920	1 020	533	292	157	651	149B	22
23	298	488	336	264	601	905	969	527	280	167	601	142B	23
24	282	517	325	281	663	899	953	510	270	172	560	138B	24
25	285	532	312	301	730	902	926	497	267	174	525	134B	25
26	287	523	302	318	783	895	906	484	261	175	493	130B	26
27	294	506	294	329	841	881	877	469	257	190	468	127B	27
28	305	467	288	328	890	872	856	460	256	219	444	123B	28
29	301		287	343	962	872	832	454	251	236	420	120B	29
30	303		290	358	1 080	885	810	453	243	271	383	118B	30
31	287		290		1 180		784	450		328		117B	31
TOTAL	9 404	10 312	11 845	8 076	17 580	32 470	28 208	19 073	11 473	5 757	17 274	6 219	TOTAL
MEAN	303	368	382	269	567	1 080	942	615	382	186	576	201	MEAN
MAX	407	532	472	358	1 180	1 350	1 290	766	524	328	859	363	MAX
MIN	209	208	287	220	376	885	715	450	243	142	367	117	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 480
MAXIMUM DAILY, 1 350 ON JUN 3
MINIMUM DAILY, 117B ON DEC 31

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 18 40 N
LONG 121 48 08 W
DRAINAGE AREA, 7 870 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	812 000	JUL	2 520 000
FEB	891 000	AUG	1 650 000
MAR	1 020 000	SEP	991 000
APR	698 000	OCT	497 000
MAY	1 520 000	NOV	1 490 000
JUN	2 810 000	DEC	537 000

TOTAL DISCHARGE, 18 400 000 dam³

HAT CREEK ABOVE ANDERSON CREEK - STATION NO. 08LF082

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.140B	0.142B	0.120B	0.132	0.282	2.22	0.615	0.245A	0.081	0.214	0.220	0.200B	1
2	0.140B	0.140B	0.120B	0.136	0.316	1.84	0.753	0.230E	0.129	0.216	0.242	0.150B	2
3	0.140B	0.140B	0.120B	0.133	0.316	1.61	0.798	0.219E	0.118	0.223A	0.261	0.120B	3
4	0.140B	0.140B	0.120B	0.161	0.306	1.37	0.687	0.200E	0.116	0.220E	0.234	0.110B	4
5	0.140B	0.140B	0.115B	0.143	0.341	1.25	0.637	0.170E	0.113	0.226A	0.231	0.100B	5
6	0.145B	0.135B	0.115B	0.151	0.354	1.12	0.580	0.150E	0.118	0.230E	0.220	0.100B	6
7	0.145B	0.135B	0.110B	0.168	0.350	1.03	0.547	0.110E	0.121	0.230E	0.225	0.110B	7
8	0.150B	0.135B	0.110B	0.180	0.343	0.838	0.545	0.090E	0.145	0.230E	0.215	0.110B	8
9	0.150B	0.135B	0.150E	0.153	0.375	0.849	0.614	0.090E	0.167	0.230E	0.198	0.100B	9
10	0.150B	0.135B	0.220E	0.152	0.408	0.615	0.531	0.080E	0.201	0.230E	0.216	0.080B	10
11	0.145B	0.130B	0.200E	0.155	0.342	0.782	0.511	0.100E	0.221	0.230E	0.232	0.080B	11
12	0.150B	0.130B	0.190E	0.185	0.316	0.794	0.461	0.150E	0.194	0.230E	0.223	0.100B	12
13	0.150B	0.135B	0.180E	0.148	0.312	0.630	0.426	0.120E	0.182	0.230E	0.216	0.100B	13
14	0.150B	0.130B	0.170E	0.151	0.388	0.570	0.405	0.100E	0.184	0.240E	0.218	0.110B	14
15	0.150B	0.130B	0.184A	0.155	0.404	0.553	0.425	0.086E	0.181	0.240E	0.217	0.110B	15
16	0.150B	0.130B	0.161	0.188	0.455	0.504	0.532	0.088A	0.168	0.230E	0.217	0.100B	16
17	0.150B	0.130B	0.155	0.184	0.635	0.488	0.468	0.095E	0.259	0.230E	0.217	0.100B	17
18	0.150B	0.130B	0.151	0.204	0.552	0.485	0.405	0.092E	0.253	0.230E	0.222	0.090B	18
19	0.150B	0.130B	0.150	0.212	0.888	0.385	0.380	0.088E	0.229	0.230E	0.211	0.080B	19
20	0.150B	0.130B	0.147	0.233	0.883	0.408	0.385	0.090E	0.208	0.230E	0.187	0.080B	20
21	0.145B	0.125B	0.146	0.238	1.18	0.478	0.371	0.095E	0.223	0.215E	0.187	0.080B	21
22	0.145B	0.125B	0.145	0.229	1.34	0.436	0.340	0.100E	0.247	0.215E	0.181	0.070B	22
23	0.145B	0.125B	0.141	0.226	1.52	0.487	0.313	0.095E	0.245	0.220E	0.160B	0.070B	23
24	0.145B	0.125B	0.141	0.252	1.88	0.526	0.295	0.092E	0.240	0.220E	0.170B	0.070B	24
25	0.145B	0.125B	0.141	0.288	1.63	0.617	0.284	0.095E	0.250	0.240E	0.200B	0.080B	25
26	0.140B	0.120B	0.142	0.538	1.78	0.482	0.326	0.092E	0.229	0.260E	0.211	0.080B	26
27	0.140B	0.120B	0.146	0.384	1.62	0.482	0.325	0.088E	0.226	0.215A	0.223	0.080B	27
28	0.140B	0.120B	0.143	0.300	1.64	0.401	0.295	0.083E	0.218	0.272	0.203	0.080B	28
29	0.140B		0.126	0.262	2.22	0.447	0.285	0.081A	0.209	0.248	0.240B	0.080B	29
30	0.140B		0.134	0.285	2.87	0.511	0.287	0.085	0.213	0.245	0.270B	0.070B	30
31	0.140B		0.137		2.48		0.269	0.084		0.246		0.070B	31
TOTAL	4.504	3.682	4.518	6.351	26.687	23.358	13.882	3.598	5.712	7.280	6.508	2.588	TOTAL
MEAN	0.145	0.131	0.146	0.212	0.876	0.779	0.448	0.116	0.190	0.234	0.217	0.083	MEAN
MAX	0.150	0.142	0.220	0.538	2.87	2.22	0.798	0.245	0.259	0.275	0.270	0.200	MAX
MIN	0.140	0.120	0.110	0.132	0.282	0.385	0.269	0.081	0.081	0.214	0.170	0.060	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.304
MAXIMUM DAILY, 2.87 ON MAY 30
MINIMUM DAILY, 0.060B ON DEC 26
MAXIMUM INSTANTANEOUS,
2.95 AT 08:21 PST ON MAY 30

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 42 38 N
LONG 121 35 58 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	389	JUL	1 200
FEB	318	AUG	312
MAR	390	SEP	494
APR	549	OCT	629
MAY	2 480	NOV	562
JUN	2 020	DEC	250

TOTAL DISCHARGE, 9 590 dam³

HAT CREEK ABOVE HARRY CREEK - STATION NO. 08LF080

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.240B	0.215B	0.272A	0.270	0.584	3.14 E	0.800	0.257	0.097	0.380	0.442	0.200B	1
2	0.240B	0.215B	0.268	0.288	0.652	2.76 E	1.47	0.262	0.216	0.371	0.450	0.180B	2
3	0.240B	0.210B	0.264	0.285	0.670	2.36	1.88	0.248	0.236	0.385	0.433	0.170B	3
4	0.240B	0.210B	0.250B	0.281	0.657	2.04	1.36	0.226	0.198	0.377	0.423	0.180B	4
5	0.245B	0.210B	0.250B	0.274	0.659	1.77	1.16	0.237	0.181	0.384	0.389	0.160B	5
6	0.245B	0.210B	0.250B	0.282	0.688	1.56	1.06	0.213	0.171	0.376	0.369	0.160B	6
7	0.250B	0.210B	0.240B	0.282	0.653	1.41	0.847	0.208	0.161	0.361	0.361	0.150B	7
8	0.250B	0.210B	0.241	0.288	0.637	1.32	0.919	0.190	0.168	0.366	0.365	0.150B	8
9	0.255B	0.210B	0.278	0.276	0.668	1.17	1.04	0.117	0.189	0.367	0.329	0.150B	9
10	0.255B	0.210B	0.484	0.278	0.689	1.07	0.926	0.137	0.200	0.378	0.330	0.140B	10
11	0.267E	0.210B	0.461	0.265	0.688	1.04	0.878	0.194	0.284	0.377	0.364	0.140B	11
12	0.255B	0.210B	0.381	0.290	0.653	1.01	0.861	0.252	0.258	0.384	0.380	0.140B	12
13	0.255B	0.205B	0.318	0.285	0.652	0.881	0.743	0.185	0.241	0.387	0.356	0.150B	13
14	0.255B	0.205B	0.318	0.280	0.672	0.790	0.663	0.137	0.230A	0.373	0.383	0.160B	14
15	0.255B	0.205B	0.314	0.286	0.738	0.765	0.721	0.118	0.210E	0.367	0.376	0.170B	15
16	0.255B	0.205B	0.288	0.299	0.861	0.718	0.610	0.118	0.240E	0.365	0.361	0.180B	16
17	0.255B	0.205B	0.261	0.284	1.08	0.673	0.639	0.120	0.280E	0.348	0.382	0.180B	17
18	0.250B	0.205B	0.266	0.211	1.22	0.680	0.704	0.107	0.350E	0.345	0.354	0.170B	18
19	0.260B	0.210B	0.278	0.331	1.31	0.681	0.649	0.103	0.400E	0.346	0.353	0.180B	19
20	0.260B	0.210B	0.258	0.343	1.88	0.803	0.616	0.114	0.380E	0.368	0.343	0.150B	20
21	0.260B	0.210B	0.254	0.358	2.34	0.720	0.631	0.122	0.360E	0.348	0.348	0.140B	21
22	0.260B	0.215B	0.246	0.356	2.86 E	0.702	0.548	0.122	0.380E	0.324	0.267	0.140B	22
23	0.245B	0.220B	0.243	0.380	2.92 E	0.686	0.499	0.111	0.400E	0.334	0.318	0.129B	23
24	0.245B	0.230B	0.249	0.427	3.12 E	0.805	0.484	0.130	0.420E	0.260	0.303	0.120B	24
25	0.240B	0.240B	0.254	0.653	3.24 E	0.788	0.435	0.129	0.440E	0.328	0.244	0.120B	25
26	0.240B	0.250B	0.269	0.630	3.23 E	0.748	0.484	0.120	0.420E	0.344	0.244	0.110B	26
27	0.230B	0.260B	0.278	0.704	2.95 E	0.853	0.443	0.107	0.410E	0.453	0.246	0.100B	27
28	0.230B	0.270B	0.276	0.882	3.18 E	0.756	0.386	0.112	0.400A	0.531	0.260B	0.080B	28
29	0.225B		0.280	0.845	3.83 E	0.797	0.352	0.118	0.403	0.471	0.250B	0.080B	29
30	0.220B		0.285	0.845	4.02 E	0.932	0.321	0.116	0.387	0.639	0.220B	0.070B	30
31	0.215B		0.274		3.58 E		0.288	0.101		0.436		0.070B	31
TOTAL	7.582	6.076	9.000	10.988	50.630	34.222	23.648	4.821	8.727	11.713	10.085	4.380	TOTAL
MEAN	0.245	0.217	0.290	0.366	1.64	1.14	0.763	0.156	0.291	0.378	0.337	0.142	MEAN
MAX	0.267	0.270	0.484	0.882	4.02	3.14	1.88	0.267	0.440	0.639	0.450	0.200	MAX
MIN	0.215	0.205	0.240	0.270	0.584	0.681	0.288	0.101	0.097	0.324	0.220	0.070	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.485
MAXIMUM DAILY, 4.02E ON MAY 30
MINIMUM DAILY, 0.070B ON DEC 30

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 47 55 N
LONG 121 26 14 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	655	JUL	2 040
FEB	525	AUG	417
MAR	777	SEP	754
APR	949	OCT	1 010
MAY	4 380	NOV	872
JUN	2 960	DEC	378

TOTAL DISCHARGE, 15 700 dam³

HAT CREEK NEAR CACHE CREEK - STATION NO. 08LF015

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.290B	0.300B	0.328A	0.291	0.672	2.40	0.990	0.364	0.182	0.418	0.482	0.340B	1
2	0.290B	0.300B	0.330E	0.294	0.768	3.05	1.48	0.278	0.215	0.425	0.487	0.320B	2
3	0.290B	0.300B	0.330E	0.291	0.695	2.59	1.65	0.272	0.301	0.417	0.486	0.280B	3
4	0.290B	0.290B	0.320E	0.286	0.758	2.36	1.05	0.361	0.280	0.413	0.480	0.250B	4
5	0.310B	0.290B	0.320E	0.282	0.765	2.01	1.35	0.260	0.278	0.426	0.454	0.250B	5
6	0.310B	0.280B	0.320E	0.307	0.775	1.83	1.18	0.230	0.261	0.424	0.436	0.280B	6
7	0.330B	0.280B	0.318	0.325	0.761	1.66	1.06	0.222A	0.263	0.427	0.430	0.280B	7
8	0.330B	0.280B	0.310	0.326	0.726	1.57	1.05	0.200E	0.288	0.422	0.426	0.250B	8
9	0.330B	0.280B	0.342	0.315	0.787	1.43	1.19	0.210E	0.298	0.422	0.416	0.250B	9
10	0.330B	0.280B	0.542	0.318	0.833	1.30	1.07	0.200E	0.335	0.422	0.422	0.230B	10
11	0.333B	0.280B	0.488	0.314	0.770	1.26	1.00	0.300E	0.411	0.418	0.444	0.230B	11
12	0.330B	0.280B	0.440	0.313	0.715	1.22	0.998	0.260E	0.403	0.413	0.440	0.250B	12
13	0.330B	0.280B	0.392	0.311	0.686	1.13	0.888	0.300E	0.368	0.410	0.432	0.250B	13
14	0.330B	0.280B	0.361	0.304	0.714	0.978	0.848	0.250E	0.366	0.420	0.430	0.270B	14
15	0.330B	0.280B	0.343	0.306	0.784	0.964	0.899	0.230E	0.344	0.408	0.432	0.270B	15
16	0.330B	0.280B	0.334	0.315	0.880	0.914	0.804	0.198A	0.368	0.412	0.421	0.280B	16
17	0.330B	0.280B	0.326	0.324	1.03	0.880	0.887	0.192	0.430	0.420	0.428	0.280B	17
18	0.330B	0.280B	0.325	0.326	1.22	0.859	0.849	0.190	0.502	0.415	0.423	0.240B	18
19	0.330B	0.280B	0.314	0.347	1.36	0.781	0.786	0.188	0.482	0.422	0.416	0.220B	19
20	0.330B	0.280B	0.313	0.388	1.54	0.765	0.789	0.184	0.455	0.404	0.430	0.200B	20
21	0.330B	0.280B	0.304	0.369	2.15	0.870	0.772	0.188	0.447	0.398	0.422	0.180B	21
22	0.330B	0.280B	0.299	0.391	2.65	0.883	0.887	0.182	0.485	0.404	0.410	0.180B	22
23	0.330B	0.280B	0.304	0.389	2.81	0.814	0.836	0.182	0.488	0.402	0.282	0.150B	23
24	0.330B	0.280B	0.318	0.451	3.16	0.966	0.868	0.178	0.476	0.398	0.304	0.150B	24
25	0.330B	0.300B	0.317	0.632	3.33	0.815	0.888	0.177	0.462	0.404	0.340	0.150B	25
26	0.310B	0.300B	0.314	0.870	3.38	0.868	0.882	0.175	0.448	0.407	0.368	0.150B	26
27	0.310B	0.310B	0.308	0.831	3.14	1.09	0.887	0.174	0.428	0.456	0.335	0.140B	27
28	0.310B	0.320B	0.304	0.707	3.22	0.840	0.818	0.173	0.418	0.556	0.343	0.130B	28
29	0.300B		0.298	0.656	3.48	0.910	0.487	0.172	0.411	0.500	0.350A	0.130B	29
30	0.300B		0.298	0.647	4.22	1.13	0.683	0.178	0.405	0.477	0.350B	0.140B	30
31	0.300B		0.298		3.88		0.423	0.174		0.480		0.150B	31
TOTAL	9.803	8.070	10.477	12.240	52.855	40.198	28.132	7.839	11.267	13.238	12.238	6.770	TOTAL
MEAN	0.316	0.288	0.338	0.408	1.70	1.34	0.907	0.253	0.376	0.427	0.408	0.218	MEAN
MAX	0.333	0.320	0.542	0.870	4.22	2.40	1.65	0.364	0.502	0.556	0.482	0.340	MAX
MIN	0.290	0.280	0.298	0.282	0.672	0.765	0.423	0.172	0.182	0.398	0.282	0.130	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.583
MAXIMUM DAILY, 4.22 ON MAY 30
MINIMUM DAILY, 0.130B ON DEC 28
MAXIMUM INSTANTANEOUS,
4.76 AT 13:40 PST ON MAY 30

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 53 04 N
LONG 121 28 12 W
DRAINAGE AREA, 656 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	847	JUL	2 430
FEB	697	AUG	677
MAR	905	SEP	973
APR	1 060	OCT	1 140
MAY	4 570	NOV	1 060
JUN	3 470	DEC	585

TOTAL DISCHARGE, 18 400 dam³

HAT CREEK NEAR UPPER HAT CREEK - STATION NO. 08LF081

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.190B	0.175B	0.240A	0.284	0.487	2.80 E	0.659	0.240E	0.100E	0.347	0.359	0.200B	1
2	0.190B	0.175B	0.250E	0.283	0.535	2.80 E	1.19	0.240E	0.150E	0.364	0.364	0.170B	2
3	0.190B	0.175B	0.240E	0.283	0.525	2.28	1.24	0.230E	0.170E	0.363	0.361	0.150B	3
4	0.190B	0.175B	0.240E	0.282	0.492	1.88	1.03	0.220E	0.180E	0.354	0.364	0.140B	4
5	0.190B	0.175B	0.230E	0.270	0.530	1.60	0.839	0.200E	0.150E	0.382	0.340	0.140B	5
6	0.190B	0.175B	0.230E	0.280	0.531	1.42	0.834	0.180E	0.150E	0.357	0.346	0.150B	6
7	0.190B	0.175B	0.230E	0.284	0.510	1.30	0.751	0.160E	0.150E	0.349	0.340	0.150B	7
8	0.185B	0.170B	0.220E	0.276	0.510	1.25	0.766	0.120E	0.180E	0.341	0.312	0.140B	8
9	0.185B	0.170B	0.260E	0.273	0.586	1.10	0.887	0.110E	0.180E	0.341	0.308	0.140B	9
10	0.200B	0.170B	0.400E	0.274	0.584	1.08	0.744	0.120E	0.200E	0.337	0.333	0.130B	10
11	0.204B	0.170B	0.380E	0.272	0.542	0.888	0.714	0.160E	0.230E	0.338	0.340	0.130B	11
12	0.200B	0.170B	0.380E	0.271	0.510	0.883	0.683	0.170E	0.220E	0.337	0.337	0.130B	12
13	0.200B	0.170B	0.300E	0.270	0.509	0.842	0.823	0.150E	0.210E	0.333	0.328	0.140B	13
14	0.200B	0.170B	0.260E	0.272	0.561	0.741	0.551	0.120E	0.200E	0.328	0.318	0.140B	14
15	0.200B	0.170B	0.272	0.277	0.583	0.717	0.612	0.110E	0.200E	0.329	0.315	0.150B	15
16	0.200B	0.165B	0.271	0.280	0.624	0.670	0.709	0.116A	0.220E	0.322	0.316	0.150B	16
17	0.200B	0.165B	0.271	0.302	0.630	0.687	0.665	0.120E	0.250E	0.327	0.322	0.140B	17
18	0.185B	0.165B	0.267	0.326	0.688	0.632	0.691	0.100E	0.300E	0.333	0.318	0.130B	18
19	0.185B	0.165B	0.266	0.325	0.939	0.575	0.672	0.100E	0.350E	0.333	0.302	0.120B	19
20	0.185B	0.165B	0.265	0.350	1.30	0.580	0.585	0.100E	0.350E	0.320	0.295	0.110B	20
21	0.185B	0.170B	0.264	0.384	2.12	0.660	0.585	0.110E	0.340E	0.323	0.301	0.110B	21
22	0.185B	0.170B	0.263	0.357	2.40 E	0.606	0.500E	0.110E	0.340E	0.311	0.237	0.110B	22
23	0.180B	0.175B	0.268	0.398	2.70 E	0.626	0.430E	0.100E	0.370E	0.315	0.192	0.100B	23
24	0.180B	0.175B	0.265	0.428	2.80 E	0.738	0.400E	0.100E	0.400E	0.312	0.180B	0.100B	24
25	0.185B	0.180B	0.270	0.580	3.00 E	0.657	0.400E	0.110E	0.380E	0.338	0.200B	0.090B	25
26	0.180B	0.190E	0.267	0.684	2.80 E	0.657	0.400E	0.110E	0.370E	0.343	0.220B	0.080B	26
27	0.180B	0.200E	0.264	0.646	2.80 E	0.676	0.370E	0.100E	0.380E	0.484	0.230B	0.080B	27
28	0.180B	0.230E	0.259	0.674	2.80 E	0.600	0.340E	0.085E	0.352A	0.439	0.230B	0.070B	28
29	0.180B		0.261	0.488	3.20 E	0.656	0.300E	0.082A	0.348	0.390	0.240B	0.070B	29
30	0.175B		0.264	0.466	3.70 E	0.733	0.280E	0.085E	0.342	0.382	0.240B	0.070B	30
31	0.175B		0.264		3.20 E		0.260E	0.085E		0.387		0.070B	31
TOTAL	5.925	4.900	8.396	10.388	44.288	31.108	19.593	4.160	7.700	10.830	8.887	3.810	TOTAL
MEAN	0.191	0.175	0.271	0.346	1.43	1.04	0.632	0.134	0.257	0.349	0.297	0.123	MEAN
MAX	0.204	0.230	0.400	0.684	3.70	2.80	1.24	0.240	0.400	0.484	0.364	0.200	MAX
MIN	0.175	0.165	0.220	0.270	0.487	0.575	0.260	0.082	0.100	0.311	0.180	0.070	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.438
MAXIMUM DAILY, 3.70E ON MAY 30
MINIMUM DAILY, 0.070B ON DEC 28

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 45 22 N
LONG 121 35 16 W
DRAINAGE AREA, 360 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	512	JUL	1 690
FEB	423	AUG	360
MAR	725	SEP	665
APR	898	OCT	936
MAY	3 830	NOV	768
JUN	2 690	DEC	329

TOTAL DISCHARGE, 13 800 dam³

MEDLEY CREEK NEAR THE MOUTH - STATION NO. 08NL050

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.3708	0.485	0.500	0.485	6.00	14.6	3.27	3.48	1.27	0.940	0.830	0.4808	1
2	0.4308	0.487	0.487	0.480	5.22	11.7	7.90	2.91	3.06	0.880	1.02	0.4208	2
3	0.485	0.487	0.477	0.480	5.01	8.02	5.22	2.58	2.28	1.07	1.28	0.3808	3
4	0.487	0.3708	0.480	0.480	5.06	7.81	4.32	2.49	1.85	1.14	1.52	0.3708	4
5	0.477	0.3638	0.440	0.472	5.11	6.74	3.52	2.19	1.68	1.09	1.71	0.3708	5
6	0.487	0.3508	0.475	0.485	6.02	6.54	3.33	1.98	1.83	1.04	1.85	0.3858	6
7	0.485	0.3808	0.480	0.517	5.81	6.28	3.52	1.68	1.65	1.00	0.810	0.4008	7
8	0.507	0.3758	0.500	0.503	5.06	5.88	3.27	1.72	1.40	0.880	0.668	0.4408	8
9	0.520	0.3908	0.515	0.512	5.14	4.70	5.04	3.07	1.31	0.840	0.800	0.4808	9
10	0.568	0.4108	0.578	0.480	5.18	4.85	4.24	1.87	1.87	0.890	0.880	0.5208	10
11	0.548	0.427	0.554	0.440	5.22	4.58	4.07	5.61	2.71	0.830	0.885	0.5408	11
12	0.533	0.457	0.542	0.507	5.26	4.62	5.37	4.56	2.13	0.800	0.700	0.5408	12
13	0.522	0.455	0.548	0.850	5.26	4.42	5.01	2.91	1.78	0.830	0.730	0.5388	13
14	0.515	0.452	0.557	0.586	5.41	4.18	4.84	2.41	1.67	0.825	0.770	0.5408	14
15	0.512	0.450	0.512	0.517	5.80	7.33	4.98	2.08	1.55	0.830	0.800	0.5308	15
16	0.507	0.472	0.425	0.580	5.62	5.34	5.28	1.80	1.67	0.840	0.815	0.5008	16
17	0.515	0.487	0.417	0.656	5.07	5.28	4.84	1.81	1.45	0.780	0.690	0.4888	17
18	0.500	0.482	0.482	0.820	5.22	5.34	4.02	1.88	1.88	0.800	0.740	0.4808	18
19	0.482	0.480	0.488	1.23	9.31	4.70	3.88	1.56	1.50	0.810	0.710	0.4108	19
20	0.497	0.452	0.588	1.80	11.4	4.86	4.84	1.82	1.37	0.830	0.740	0.3708	20
21	0.500	0.445	0.477	2.07	17.4	4.44	4.26	1.68	1.42	0.880	0.780	0.3308	21
22	0.505	0.462	0.482	2.84	21.3	4.40	3.82	1.62	1.37	0.840	0.690	0.3108	22
23	0.507	0.480	0.480	3.23	23.1	4.56	3.29	1.57	1.34	0.800	0.692	0.2108	23
24	0.502	0.517	0.477	3.01	30.4	4.67	3.88	1.75	1.24	0.822	0.884	0.2308	24
25	0.488	0.828	0.480	3.63	31.2	4.34	4.62	1.59	1.19	0.840	0.730	0.4508	25
26	0.500	0.533	0.480	3.58	28.9	3.80	4.74	1.48	1.14	0.840	0.880	0.5808	26
27	0.533	0.510	0.507	3.32	24.1	3.62	4.00	1.45	1.13	0.830	0.880	0.6808	27
28	0.528	0.507	0.487	3.48	22.8	3.44	3.81	1.54	1.02	0.730	0.710	0.7408	28
29	0.507		0.480	3.81	25.6	4.20	3.58	1.52	1.02	0.710	0.618	0.7808	29
30	0.487		0.482	4.28	21.8	3.84	3.38	1.54	0.995	0.692	0.5058	0.7808	30
31	0.488		0.495		18.5		3.32	1.44		0.800		0.6308	31
TOTAL	15.511	12.821	15.484	46.780	305.81	170.46	133.23	66.74	46.835	27.409	25.918	15.231	TOTAL
MEAN	0.500	0.451	0.499	1.56	12.8	5.68	4.30	2.15	1.56	0.884	0.884	0.491	MEAN
MAX	0.568	0.828	0.588	4.28	31.2	14.6	7.90	5.61	3.06	1.14	1.85	0.630	MAX
MIN	0.370	0.343	0.417	0.440	4.86	3.44	3.27	1.44	0.995	0.622	0.606	0.310	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.65
MAXIMUM DAILY, 31.2 ON MAY 25
MINIMUM DAILY, 0.3108 ON DEC 22

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 21 54 N
LONG 120 03 59 W
DRAINAGE AREA, 389 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 240	JUL	11 500
FEB	1 090	AUG	5 770
MAR	1 340	SEP	4 050
APR	4 040	OCT	2 370
MAY	26 200	NOV	2 240
JUN	14 700	DEC	1 320

TOTAL DISCHARGE, 84 000 dam³

HELLER CREEK ABOVE DIVERSIONS - STATION NO. 08LF081

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.048	1.10 E	2.82	0.330	0.032	0.042	---	---	---	1
2	---	---	---	0.087	1.10 E	1.77	0.888	0.078	0.886	---	---	---	2
3	---	---	---	0.047	1.27 E	2.18	0.748	0.086	0.788	---	---	---	3
4	---	---	---	0.050	1.32 E	1.86	0.836	0.086	0.782	---	---	---	4
5	---	---	---	0.053	1.20	1.16	0.380	0.050	0.123	---	---	---	5
6	---	---	---	0.088	0.988	0.842	0.311	0.042	0.138	---	---	---	6
7	---	---	---	0.072E	1.00	0.782	0.327	0.038	0.130	---	---	---	7
8	---	---	---	0.087	0.878	0.656	0.308	0.038	0.234	---	---	---	8
9	---	---	---	0.080	0.818	0.530	0.188	0.050E	0.198E	---	---	---	9
10	---	---	---	0.088	0.780	0.886	0.174	0.067E	0.164	---	---	---	10
11	---	---	---	0.088	0.878	0.880	0.142	0.088	0.270	---	---	---	11
12	---	---	---	0.083	0.844	0.671	0.130	0.088	0.430	---	---	---	12
13	---	---	---	0.083	0.788	0.626	0.110	0.063	0.386	---	---	---	13
14	---	---	---	0.088	0.878	0.430	0.085	0.041	0.182	---	---	---	14
15	---	---	---	0.083	0.840	0.886	0.335	0.037	0.138	---	---	---	15
16	---	---	---	0.081	1.18	0.881	0.270	0.036	0.148	---	---	---	16
17	---	---	---	0.088	1.24	1.32	0.185	0.035	0.250	---	---	---	17
18	---	---	---	0.172E	1.30	1.12	0.133	0.034	0.188	---	---	---	18
19	---	---	---	0.158	1.27	1.44	0.126	0.024	0.164	---	---	---	19
20	---	---	---	0.188	1.21	1.01	0.130E	0.030	0.185	---	---	---	20
21	---	---	---	0.248	1.63	2.13	0.126	0.028	0.264	---	---	---	21
22	---	---	---	0.284	2.25	1.18	0.122	0.027	0.276	---	---	---	22
23	---	---	---	0.410	2.58	1.12	0.118	0.026	0.188	---	---	---	23
24	---	---	---	0.885	2.87	0.972	0.076	0.026	0.135	---	---	---	24
25	---	---	---	1.84	2.82	0.740	0.081	0.026	0.108	---	---	---	25
26	---	---	---	1.82	3.00	0.587	0.275	0.023	0.083E	---	---	---	26
27	---	---	---	0.835	3.48	0.500	0.136	0.026	0.078	---	---	---	27
28	---	---	0.047	0.816	3.58	0.455	0.076	0.023	0.076	---	---	---	28
29	---		0.047E	0.840E	3.74	0.380	0.080	0.028	0.086	---	---	---	29
30	---		0.047E	1.00 E	3.87	0.420	0.044	0.032	p.088	---	---	---	30
31	---		0.048E		2.44		0.038	0.027		---		---	31
TOTAL	---	---	---	10 788	52.484	30.818	8.884	1.268	7.021	---	---	---	TOTAL
MEAN	---	---	---	0.359	1.69	1.02	0.215	0.041	0.234	---	---	---	MEAN
MAX	---	---	---	1.84	3.88	2.82	0.748	0.088	0.888	---	---	---	MAX
MIN	---	---	---	0.048	0.844	0.380	0.038	0.023	0.042	---	---	---	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 3.88 ON MAY 26

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 00 37 N
LONG 120 46 13 W
DRAINAGE AREA, 68.6 km²

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	678
FEB	---	AUG	110
MAR	---	SEP	807
APR	838	OCT	---
MAY	6 838	NOV	---
JUN	3 888	DEC	---

HENDRIX CREEK AT OUTLET OF HENDRIX LAKE - STATION NO 08LA024

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	4.68	1.63	1.30	0.150	0.280E	0.300E	0.360	1
2	---	---	---	---	---	4.38	1.90E	0.760	0.204	0.240E	0.280E	---	2
3	---	---	---	---	---	3.78	2.18E	0.760	0.204	0.210	0.260E	---	3
4	---	---	---	---	---	3.30E	2.42	0.400	0.234E	0.180E	0.250E	---	4
5	---	---	---	---	---	3.81E	1.90	0.410	0.264	0.180E	0.400E	---	5
6	---	---	---	---	---	2.32	1.80	0.355E	0.270	0.180E	0.500E	---	6
7	---	---	---	---	---	1.65	1.65	0.301E	0.350	0.160E	0.500E	---	7
8	---	---	---	---	---	1.69	1.65	0.245	0.350	0.160E	0.550E	---	8
9	---	---	---	---	---	1.62	1.68E	0.246	0.450	0.160E	0.550E	---	9
10	---	---	---	---	---	1.95	1.67E	0.188	0.390E	0.180E	0.400E	---	10
11	---	---	---	---	---	1.95	1.88	0.246	0.330E	0.200E	0.400E	---	11
12	---	---	---	---	1.77	1.80E	2.04	0.246	0.270	0.200E	0.350E	---	12
13	---	---	---	---	1.77	1.62	3.84	0.228E	0.270	0.200E	0.350E	---	13
14	---	---	---	---	1.83	1.38	3.04	0.210E	0.350	0.200E	0.350E	---	14
15	---	---	---	---	1.83	1.38	2.45	0.192	0.276	0.200E	0.400E	---	15
16	---	---	---	---	1.83	1.59	2.27E	0.192	0.276	0.200E	0.400E	---	16
17	---	---	---	---	1.95	2.12E	2.10E	0.140	0.276E	0.200E	0.500E	---	17
18	---	---	---	---	2.55	2.64E	1.93	0.192	0.276E	0.200E	0.500E	---	18
19	---	---	---	---	2.49	3.17E	1.70	0.140	0.276	0.200E	0.600E	---	19
20	---	---	---	---	2.89	3.70	1.70	0.143E	0.276	0.200E	0.600E	---	20
21	---	---	---	---	3.55	2.37	1.95	0.143E	0.216	0.180E	0.500E	---	21
22	---	---	---	---	3.55	2.37	1.70	0.145	0.222	0.180E	0.500E	---	22
23	---	---	---	---	4.57	2.95	1.70E	0.145	0.282	0.180E	0.400E	---	23
24	---	---	---	---	4.57	3.85	1.70E	0.145	0.282E	0.180E	0.400E	---	24
25	---	---	---	---	4.60	3.37E	1.70	0.198	0.282E	0.180E	0.350E	---	25
26	---	---	---	---	4.24	2.88E	1.95	0.198	0.282	0.180E	0.350E	---	26
27	---	---	---	---	4.24	2.40	1.95	0.182E	0.370	0.180E	0.350E	---	27
28	---	---	---	---	4.40E	1.83	1.72	0.188E	0.282	0.200E	0.340E	---	28
29	---		---	---	4.80E	1.88	1.72	0.150	0.282	0.200E	0.340E	---	29
30	---		---	---	5.26	1.88	1.58E	0.150	0.288	0.250E	0.340E	---	30
31	---		---		5.28		1.44E	0.138		0.300E		---	31
TOTAL	---	---	---	---	---	75.84	61.50	8.849	8.840	6.200	12.430	---	TOTAL
MEAN	---	---	---	---	---	2.53	1.98	0.278	0.285	0.200	0.414	---	MEAN
MAX	---	---	---	---	---	4.68	3.84	1.30	0.450	0.300	0.600	---	MAX
MIN	---	---	---	---	---	1.38	1.44	0.138	0.150	0.180	0.260	---	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 5.28 ON MAY 30

TYPE OF GAUGE - MANUAL
LOCATION - LAT 52 05 30 N
LONG 120 47 09 W

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	5 310
FEB	---	AUG	747
MAR	---	SEP	738
APR	---	OCT	536
MAY	---	NOV	1 070
JUN	5 580	DEC	---

HIDDEN CREEK NEAR THE MOUTH - STATION NO. 08NE114

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.637	0.810E	0.800E	1.08E	3.72	11.8	3.51	1.50	1.07	0.822	1.70	1.25 E	1
2	0.636	0.790E	0.820E	1.07E	3.78	11.3	3.82	1.41	1.07	0.807	1.67	1.17 E	2
3	0.645	0.784	0.850E	1.05E	3.65	9.64	3.81	1.34	1.04	0.592	8.52	1.10 E	3
4	0.656	0.750E	0.754	1.04E	3.91	7.84	3.27	1.28	1.00	0.602	8.24	1.05 E	4
5	0.678	0.710E	0.748	1.07E	4.17	7.30	3.13	1.24	0.987	0.577	4.86	1.00 E	5
6	0.684	0.680E	0.781	1.18E	4.41	7.05	3.18	1.15	0.950	0.589	3.88	0.9578	6
7	0.658	0.680E	0.788	1.22E	4.82	7.42	3.01	1.13	0.934	0.583	3.17	0.9208	7
8	0.7208	0.680E	0.783	1.21E	4.44	7.48	2.81	1.11	0.918	0.567	2.70	0.8808	8
9	0.769	0.680E	1.26	1.18E	3.87	7.32	2.74	1.01	0.927	0.538	2.43	0.8508	9
10	0.732	0.680E	2.14	1.18E	3.67	7.08	2.81	1.00	0.898	0.525	2.30	0.8458	10
11	0.771	0.680E	2.14	1.13E	3.83	6.70	2.82	0.983	0.881	0.514	2.88	0.8508	11
12	0.783	0.650E	1.83 E	1.07E	3.84	6.63	2.55	0.982	0.871	0.512	2.84	0.8408	12
13	0.710	0.720E	1.77 E	1.03E	3.96	6.03	3.88	0.934	0.884	0.510	2.41	0.8208	13
14	0.682	0.770E	1.84 E	1.00E	3.85	5.89	4.24	0.898	0.837	0.505	2.27	0.8108	14
15	0.687	0.800E	1.84 E	1.26	3.89	6.13	3.81	0.848	0.836	0.501	2.23	0.8008	15
16	0.685	0.780E	1.68 E	1.31	4.14	5.47	3.44	0.813	0.839	0.495	2.38	0.8008	16
17	0.674	0.780E	1.63 E	1.37	4.84	5.00	2.88	0.787	0.793	0.530	2.48	0.7808	17
18	0.712	0.800E	1.38 E	1.52	4.81	4.87	2.80	0.782	0.780	0.526	2.36	0.7508	18
19	0.697	0.805E	1.32 E	1.80	4.51	4.47	2.27	0.750	0.765	0.523	2.18	0.7358	19
20	0.668	0.790E	1.27 E	2.10	5.23	4.14	2.19	0.720	0.720	0.494	2.09	0.7208	20
21	0.679	0.770E	1.22 E	2.51	5.02	3.90	2.08	0.688	0.694	0.551	1.97	0.6908	21
22	0.681	0.760E	1.16 E	3.06	5.43	3.63	1.89	0.666	0.682	1.86	1.88	0.6608	22
23	0.686	0.770E	1.13 E	3.84	7.36	4.84	1.78	0.667	0.664	1.27	1.79	0.6308	23
24	0.657	0.800E	1.08 E	5.18	8.28	5.18	1.74	1.70	0.710	0.967	1.73	0.6008	24
25	0.648	0.800E	1.01 E	6.08	8.38	4.43	1.67	1.63	0.890	0.889	1.68	0.5808	25
26	0.648	0.800E	0.870E	6.72	10.8	3.95	1.93	1.52	0.878	0.828	1.60	0.5008	26
27	0.682	0.800E	1.00 E	6.11	11.5	3.84	1.80	1.50	0.862	0.801	1.55	0.5008	27
28	0.826	0.805E	1.07 E	5.84	12.0	3.78	1.73	1.43	0.848	0.764	1.45	0.5008	28
29	0.8108		1.08 E	5.56	13.4	3.67	1.68	1.30	0.847	0.729	1.35	0.5858	29
30	0.8008		1.07 E	5.88	13.8	4.02	1.80	1.13	0.837	0.880	1.28	0.5858	30
31	0.8708		1.07 E		11.8		1.58	1.08		2.03		0.6008	31
TOTAL	22.282	20.884	37.462	88.48	191.84	178.78	82.23	34 189	24.884	22.373	77.38	24.887	TOTAL
MEAN	0.718	0.734	1.21	2.22	6.18	5.96	2.65	1.10	0.823	0.722	2.58	0.796	MEAN
MAX	0.826	0.810	2.14	6.18	13.4	11.8	4.24	1.78	1.07	2.03	8.24	1.25	MAX
MIN	0.636	0.680	0.748	1.00	3.83	3.67	1.58	0.868	0.837	0.494	1.28	0.880	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.14
MAXIMUM DAILY, 13.4 ON MAY 29
MINIMUM DAILY, 0.486 ON OCT 15
MAXIMUM INSTANTANEOUS,
15.4 AT 14:10 PST ON MAY 29

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 14 04 N
LONG 117 14 17 W
DRAINAGE AREA, 75.4 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 830	JUL	7 100
FEB	1 780	AUG	2 850
MAR	3 240	SEP	3 130
APR	5 740	OCT	1 830
MAY	16 600	NOV	6 680
JUN	15 480	DEC	2 130

TOTAL DISCHARGE, 67 800 dam³

HILL CREEK ABOVE SPAWNING CHANNEL - STATION NO. 08NE124

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.188E	0.200E	0.403E	0.824	1.04	2.76	1.84	0.853E	0.316	0.223	0.700E	0.338	1
2	0.188E	0.200	0.410	0.820E	1.01	2.70	1.73	0.587	0.430	0.218	0.640E	0.334	2
3	0.188E	0.208	0.418E	0.815E	1.01	2.67	1.58	0.587	0.382	0.219	0.600E	0.329	3
4	0.188E	0.200B	0.425	0.812	0.975	2.50	1.33	0.554	0.347	0.231	0.530E	0.331	4
5	0.188	0.185B	0.425E	0.836	1.01	2.13	1.33	0.554	0.451	0.231	0.480E	0.312	5
6	0.188E	0.180B	0.425E	0.836	1.03	1.93	1.85	0.524	0.391	0.223	0.458E	0.303	6
7	0.188	0.171B	0.425	0.823	1.06	1.97	1.88	0.494	0.382	0.216	0.439E	0.291	7
8	0.192E	0.172B	0.586E	0.721	1.18	2.06	1.82	0.440	0.369	0.216	0.420E	0.287	8
9	0.196E	0.176	0.747	0.698E	1.07	2.14	1.23	0.581	0.347	0.212	0.629E	0.283	9
10	0.200	0.188	0.948	0.698E	1.03	2.14	1.20	0.554	0.329	0.212	0.529E	0.283	10
11	0.218E	0.218E	0.898E	0.843	0.975	1.89	1.68	0.542	0.389	0.209	0.510E	0.279	11
12	0.236	0.246E	0.853E	0.824	0.915	1.70	2.76	0.882	0.382	0.212	0.380E	0.275	12
13	0.235E	0.277E	0.809E	0.864	0.907	1.63	3.28	0.587	0.325	0.209	0.400E	0.275	13
14	0.212	0.307	0.780	0.842	0.937	1.38	4.80	0.684	0.325	0.209	0.451	0.283	14
15	0.212E	0.322E	0.882	0.859	0.937	1.85	2.80	0.487	0.329	0.209	0.600	0.283	15
16	0.212E	0.336	0.888	0.883E	0.880	1.71	2.38	0.440	0.338	0.208	0.587	0.271	16
17	0.212	0.388E	0.830	0.888E	1.05	2.62	2.01	0.440	0.307	0.201	0.554	0.263	17
18	0.208E	0.395	0.805	0.870	1.05	2.04	1.83	0.430	0.359	0.201	0.532	0.263	18
19	0.200	0.388E	0.574E	0.830	1.09	1.67	1.88	0.401	0.388	0.187	0.484	0.265	19
20	0.200E	0.385E	0.542E	0.782	1.03	1.56	1.47	0.389	0.283	0.218	0.484	0.247	20
21	0.200	0.385	0.509	0.844	1.21	1.43	1.62	0.389	0.312	0.219	0.472	0.239	21
22	0.198E	0.388E	0.509	0.888	1.27	1.31	1.32	0.356	0.283	0.225	0.440	0.2248	22
23	0.192E	0.380	0.488	1.18 E	1.87	1.25	1.08	0.347	0.271	0.255	0.440	0.2238	23
24	0.188	0.380	0.570	1.42 E	1.71	1.23	1.00	0.343	0.271	0.275	0.418	0.2228	24
25	0.188E	0.384E	0.582	1.88	1.87	1.22	1.00	0.408	0.283	0.283	0.430	0.231	25
26	0.188	0.388E	0.587E	1.51	2.07	1.19	0.983	0.356	0.283	0.275	0.391	0.227	26
27	0.210E	0.391E	0.852E	1.23	2.10	1.18	0.937	0.391	0.279	0.283	0.382	0.223	27
28	0.251	0.395	0.637	1.10	2.26	1.23	0.894	0.376	0.288	0.279	0.389	0.223	28
29	0.234E		0.659	1.01	2.82	1.20	0.880	0.388	0.243	0.279	0.356	0.223	29
30	0.217E		0.615	1.01	2.38	1.85	0.784E	0.347	0.231	0.225	0.369	0.218	30
31	0.200		0.638		2.27		0.719E	0.325		0.834		0.218	31
TOTAL	6.313	8.244	18.357	24.481	44.188	53.76	51.087	16.264	9.631	7.869	14.151	8.245	TOTAL
MEAN	0.204	0.284	0.592	0.816	1.43	1.79	1.65	0.493	0.321	0.254	0.472	0.266	MEAN
MAX	0.251	0.395	0.948	1.88	2.38	2.76	4.80	0.882	0.451	0.834	0.700	0.338	MAX
MIN	0.188	0.171	0.403	0.542	0.907	1.19	0.719	0.325	0.231	0.187	0.356	0.218	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.714
MAXIMUM DAILY, 4.80 ON JUL 14
MINIMUM DAILY, 0.1718 ON FEB 7

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - MANUAL
LOCATION - LAT 50 40 41 N
LONG 117 48 40 W

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	945	JUL	4 410
FEB	712	AUG	1 240
MAR	1 590	SEP	832
APR	2 120	OCT	880
MAY	3 830	NOV	1 220
JUN	4 840	DEC	712

TOTAL DISCHARGE, 22 500 dam³

MIRSCH CREEK NEAR THE MOUTH - STATION NO. 08FF002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.358	3.46	5.108	9.13	33.1	35.9	21.5	16.4	8.80	13.9	23.2	4.788	1
2	3.328	3.26	4.858	7.81	30.8	33.4	18.7	16.1	10.5	12.5	20.5	4.688	2
3	3.298	3.26	4.448	7.92	28.3	27.4	16.2	21.0	16.0	26.1	36.5	4.678	3
4	3.268	3.01	4.108	8.85	24.4	22.6	16.2	17.4	13.5	25.2	47.2	4.488	4
5	3.308	2.98	3.808	16.3	20.8	20.4	15.1	14.5	12.6	19.2	29.6	4.358	5
6	5.008	2.878	3.708	18.7	20.4	28.3	14.9	22.5	31.5	16.5	24.0	4.268	6
7	10.0 B	2.808	3.708	15.7	20.8	28.4	29.1	22.1	24.7	14.1	21.8	4.178	7
8	20.0 B	2.78	3.708	11 3	17.8	26.4	21.3	16.5	16.8	13.5	20.5	4.088	8
9	7.808	2.75	3.78	8.33	14.9	49.2	23.2	14.8	11.9	14 1	19.3	3.998	9
10	6.808	2.72	5.88	8.01	14.8	38.1	44.3	13.4	10.0	12.3	12.8	3.909	10
11	40.0 B	3.01	8.40	7.17	17.8	34.8	44.2	13 7	9.30	10.8	10.7	3.848	11
12	32.3	8.18	8.40	8.81	22.5	29.3	38.8	12.0	8.78	10.4	10.8	3.788	12
13	13 8	11.5	7.88	8.88	26.3	25.8	32.6	12.0	20.2	10.1	9.72	3.728	13
14	8.43	11.0	8.39	7.28	26.2	24.2	24.8	12.3	17.4	9.13	9.27	3.688	14
15	7.85	12.5	9.88	8.50	27.1	28.3	21.3	11.3	16.5	8.38	8.87	3.608	15
16	8.50	10.8	9.82	10.1	27.8	27.8	20.5	25.3	20.3	8.83	16.0	3.558	16
17	8.94	8.63	9.25	11.1	25.8	23.3	18.4	22.6	16.3	11.3	14.8	3.508	17
18	8.76	7.16	8.87	13.3	21.9	20.1	16.7	14.8	13.2	14 0	12.4	3.458	18
19	7.04	6.85	8.80	12.0	23.0	20.4	18.1	21.0	10.3	28.3	11.9	3.408	19
20	6.17	6.81	8.32	10.7	58.0	18.8	16.3	20.8	9.82	36 2	10.7	3.358	20
21	7.18	6.84	7.98	11.3	41.8	17.7	18.3	14.7	9.51	42.4	9.85	3.318	21
22	8.408	6.90	8.83	11.4	32.0	16 8	15 8	12.7	8.88	58.1	8.188	3.278	22
23	8.908	7.81	8.01	13.8	31.1	27.0	13.2	11.4	8.63	37.3	7.398	3.248	23
24	8.408	13.8	8.58	24.7	31.8	29.8	12.2A	10.3	21.4	48.8	6.888	3.218	24
25	8.108	10.8	8.32	31.8	29.5	31.3	13.7	8.98	124	125	6.308	3.188	25
26	6.808	8.48	8.44	28.8	27.8	28.8	13.1	10.8	114	88.2	6.808	3.158	26
27	6.508	7.98	8.23	23.8	22.8	26.7	11.3	8.88	31.8	28.5	6.508	3.128	27
28	6.208	8.61	8.72	27.5	24.8	21.8	11.3	10.4	20.1	21.8	6.308	3.088	28
29	6.008		8.70	33.7	52.8	24.8	13.3	11.2	16.8	29.8	6.108	3.068	29
30	3.87		8.43	32.8	58.1	25.8	13.4	8.38	13.3	61.8	4.908	3.038	30
31	3.70		8.82		48.4		15.8	8.82		31.8		3.008	31
TOTAL	287.78	182.82	202.83	444.88	928.5	818.8	824.8	458.15	885.23	858.14	435.21	113.78	TOTAL
MEAN	8.31	8.52	6.86	14.8	29.9	27.3	26.1	14.8	22.3	27.8	14.5	3.87	MEAN
MAX	40.0	13.8	9.88	33.7	58.1	49.2	44.3	25.3	124	125	47.2	4.78	MAX
MIN	3.36	2.72	3.70	8.88	14.8	17.7	11.2	8.82	8.63	8.38	4.88	3.00	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 18.4
MAXIMUM DAILY, 125 ON OCT 25
MINIMUM DAILY, 2.72 ON FEB 10
MAXIMUM INSTANTANEOUS,
258 AT 01:58 PST ON SEP 25

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 02 48 N
LONG 126 25 00 W
DRAINAGE AREA, 347 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	22 200	JUL	53 800
FEB	15 800	AUG	28 800
MAR	17 500	SEP	57 500
APR	26 600	OCT	74 000
MAY	80 000	NOV	37 000
JUN	79 700	DEC	9 830

TOTAL DISCHARGE, 517 000 dam³

MIDHILL CREEK ABOVE DIVERSIONS - STATION NO. 08LB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	1.34 E	3.87	4.77	1.14	0.651	0.275	---	---	---	1
2	---	---	---	1.33 E	4.26	4.80	1.40	0.634	0.318	---	---	---	2
3	---	---	---	1.17 E	3.36	4.07	1.11	0.588	0.408	---	---	---	3
4	---	---	---	1.16 E	3.65	3.70	1.05	0.550	0.381	---	---	---	4
5	---	---	---	1.23 E	3.33	3.19	0.993	0.503	0.363	---	---	---	5
6	---	---	---	1.34 E	3.38	3.05	0.900	0.467	0.330	---	---	---	6
7	---	---	---	1.45 E	3.70	2.97	0.858	0.389	0.308	---	---	---	7
8	---	---	---	1.36 E	3.08	2.83	0.993	0.390	0.322	---	---	---	8
9	---	---	---	1.28 E	3.21	3.53	0.958	0.372	0.290	---	---	---	9
10	---	---	---	1.15 E	3.01	2.58	0.816	0.528	0.342	---	---	---	10
11	---	---	---	1.05 E	2.88	2.38	0.894	0.650	0.894	---	---	---	11
12	---	---	---	0.983E	2.89	2.16	1.15	0.674	0.845	---	---	---	12
13	---	---	---	0.944	2.87	1.95	1.13	0.555	0.488	---	---	---	13
14	---	---	---	0.855E	2.88	1.84	0.954	0.467	0.457	---	---	---	14
15	---	---	---	0.950E	3.14	1.89	0.972	0.418	0.433	---	---	---	15
16	---	---	---	1.04 E	3.36	1.85	0.900	0.390	0.423	---	---	---	16
17	---	---	---	1.08 E	3.13	2.43	0.884	0.351	0.472	---	---	---	17
18	---	---	---	1.88	3.70	1.97	^.777	0.381	0.450E	---	---	---	18
19	---	---	---	2.15	3.55	1.84	..850E	0.342	0.438	---	---	---	19
20	---	---	---	2.31	4.37	2.25	0.940E	0.316	0.408	---	---	---	20
21	---	---	---	3.06	5.03	1.85	1.01	0.282	0.372	---	---	---	21
22	---	---	---	2.83	4.46	1.80	0.947	0.263	0.342	---	---	---	22
23	---	---	---	3.66 E	7.30	1.88	0.875	0.241	0.322	---	---	---	23
24	---	---	---	4.80	6.82	2.03	0.884	0.228	0.310	---	---	---	24
25	---	---	---	4.48	6.10	1.88	0.870	0.330	0.306	---	---	---	25
26	---	---	---	3.98	5.75	1.58	0.863	0.306	0.298	---	---	---	26
27	---	---	---	3.11	4.81	1.51	0.830	0.314	0.283	---	---	---	27
28	---	---	---	3.07	5.01	1.30	0.811	0.328	0.262	---	---	---	28
29	---		---	3.42 E	6.42	1.15	0.798	0.330	0.234	---	---	---	29
30	---		---	3.85	6.56	1.08	0.726	0.288	0.224	---	---	---	30
31	---		---		6.36		0.880	0.258		---		---	31
TOTAL	---	---	---	61.962	134.08	70.48	29.068	12.981	10.986	---	---	---	TOTAL
MEAN	---	---	---	2.07	4.33	2.35	0.937	0.418	0.366	---	---	---	MEAN
MAX	---	---	---	4.80	7.30	4.80	1.40	0.650	0.894	---	---	---	MAX
MIN	---	---	---	0.855	2.89	1.08	0.880	0.228	0.224	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 7.30 ON MAY 23

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - MANUAL
LOCATION - LAT 50 53 08 N
LONG 119 43 58 W
DRAINAGE AREA, 89.7 km²

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	2 610
FEB	---	AUG	1 120
MAR	---	SEP	847
APR	5 350	OCT	---
MAY	11 600	NOV	---
JUN	6 090	DEC	---

HLINA CREEK AT THE MOUTH - STATION NO. 08LE105

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.444	0.597	0.218	0.108	0.058	0.208	---	---	---	1
2	---	---	---	0.444	0.588	0.248	0.108	0.048	0.213	---	---	---	2
3	---	---	---	0.448	0.585	0.218	0.100	0.026	0.048	---	---	---	3
4	---	---	---	0.444	0.550	0.213	0.088	0.043	0.042	---	---	---	4
5	---	---	---	0.418	0.597	0.188	0.090	0.037	0.038	---	---	---	5
6	---	---	---	0.418	0.580	0.200	0.093	0.031	0.042	---	---	---	6
7	---	---	---	0.488	0.575	0.145	0.085	0.042	0.038E	---	---	---	7
8	---	---	---	0.444	0.575	0.131	0.088	0.040	0.030	---	---	---	8
9	---	---	---	0.444	0.580	0.128	0.128	0.025	0.035	---	---	---	9
10	---	---	---	0.449	0.555	0.161	0.098	0.038E	0.093	---	---	---	10
11	---	---	---	0.428	0.550	0.148	0.150	0.038	0.111	---	---	---	11
12	---	---	---	0.428	0.524	0.138	0.172	0.042	0.081	---	---	---	12
13	---	---	---	0.420	0.448	0.131	0.183	0.037	0.053	---	---	---	13
14	---	---	---	0.388	0.474	0.108	0.188	0.028	0.042	---	---	---	14
15	---	---	---	0.405	0.410	0.172	0.153	0.038	0.038	---	---	---	15
16	---	---	---	0.385	0.439	0.128	0.088	0.023	0.042	---	---	---	16
17	---	---	---	0.385	0.425	0.288	0.085	0.028	0.038	---	---	---	17
18	---	---	---	0.410	0.535	0.138	0.080	0.026	0.037	---	---	---	18
19	---	---	---	0.454	0.438	0.128	0.076	0.022	0.038	---	---	---	19
20	---	---	---	0.468	0.434	0.158	0.076	0.029	0.038	---	---	---	20
21	---	---	---	1.23	0.378	0.138	0.070	0.028	0.037	---	---	---	21
22	---	---	---	0.850	0.381	0.128	0.058	0.028	0.033	---	---	---	22
23	---	---	---	0.791	0.888	0.148	0.059	0.024	0.031	---	---	---	23
24	---	---	---	0.883	0.883	0.148	0.050	0.023	0.028	---	---	---	24
25	---	---	---	1.03	0.314	0.117	0.088	0.023	0.039	---	---	---	25
26	---	--	---	0.778	0.274	0.108	0.111	0.035	0.031	---	---	---	26
27	---	---	---	0.650	0.257	0.124	0.070	0.026	0.029	---	---	---	27
28	---	---	---	0.607	0.238	0.080	0.063	0.037	0.030	---	---	---	28
29	---		---	0.602	0.238	0.093	0.063	0.038	0.030	---	---	---	29
30	---		---	0.807	0.208	0.128	0.057	0.037	0.028	---	---	---	30
31	---		---		0.194		0.050	0.028		---		---	31
TOTAL	---	---	---	16.539	16.178	6.572	2.920	0.989	1.812	---	---	---	TOTAL
MEAN	---	---	---	0.551	0.487	0.152	0.094	0.032	0.054	---	---	---	MEAN
MAX	---	---	---	1.23	0.888	0.288	0.172	0.058	0.213	---	---	---	MAX
MIN	---	---	---	0.385	0.194	0.080	0.050	0.022	0.028	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 1.23 ON APR 21

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - MANUAL
LOCATION - LAT 50 58 37 N
LONG 119 30 57 W
DRAINAGE AREA, 24.7 km²

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	282
FEB	---	AUG	98.3
MAR	---	SEP	139
APR	1 430	OCT	---
MAY	1 220	NOV	---
JUN	385	DEC	---

HLINA CREEK BELOW RASMUSSEN CREEK - STATION NO. 08LE104

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.573	0.587	0.192	0.086	0.054	0.080	---	---	---	1
2	---	---	---	0.573	0.584	0.189	0.088E	0.054	0.089	---	---	---	2
3	---	---	---	0.570	0.584	0.212	0.083	0.053	0.080	---	---	---	3
4	---	---	---	0.567	0.587	0.195	0.091	0.053	0.048	---	---	---	4
5	---	---	---	0.567	0.536	0.184	0.088E	0.051	0.041	---	---	---	5
6	---	---	---	0.570	0.523	0.191E	0.088	0.048	0.040	---	---	---	6
7	---	---	---	0.582	0.557	0.188E	0.093	0.047	0.040	---	---	---	7
8	---	---	---	0.567	0.573	0.182	0.094	0.043	0.038	---	---	---	8
9	---	---	---	0.567	0.511	0.148	0.107	0.043	0.038	---	---	---	9
10	---	---	---	0.573	0.478	0.142	0.082	0.048	0.087	---	---	---	10
11	---	---	---	0.567	0.452	0.178	0.088	0.050	0.070	---	---	---	11
12	---	---	---	0.548	0.387	0.188	0.134	0.048	0.083	---	---	---	12
13	---	---	---	0.495	0.387	0.180	0.138	0.053	0.048	---	---	---	13
14	---	---	---	0.480	0.370	0.123	0.113	0.041	0.041	---	---	---	14
15	---	---	---	0.452	0.383	0.188	0.102	0.038	0.038	---	---	---	15
16	---	---	---	0.444	0.309	0.162	0.088	0.027	0.038	---	---	---	16
17	---	---	---	0.382	0.331E	0.178	0.084	0.043	0.035	---	---	---	17
18	---	---	---	0.382	0.378	0.188E	0.073	0.041	0.038	---	---	---	18
19	---	---	---	0.387	0.355	0.188	0.074	0.040	0.035	---	---	---	19
20	---	---	---	0.529	0.348	0.182	0.081	0.035	0.034	---	---	---	20
21	---	---	---	0.753	0.323E	0.144	0.074	0.038E	0.034	---	---	---	21
22	---	---	---	0.698	0.312E	0.114	0.073	0.035	0.034	---	---	---	22
23	---	---	---	0.661	0.485E	0.129	0.060E	0.035	0.033	---	---	---	23
24	---	---	---	0.780	0.350E	0.138	0.076	0.035	0.032	---	---	---	24
25	---	---	---	0.783	0.232	0.116	0.078	0.038	0.032	---	---	---	25
26	---	---	---	0.748	0.218	0.107	0.085	0.036	0.032	---	---	---	26
27	---	---	---	0.693	0.218	0.094	0.070	0.039	0.030	---	---	---	27
28	---	---	---	0.654	0.201	0.084	0.070	0.039	0.029	---	---	---	28
29	---		---	0.627	0.200	0.088	0.073	0.039	0.028	---	---	---	29
30	---		---	0.621	0.200	0.096	0.084	0.039	0.028	---	---	---	30
31	---		---		0.189		0.057	0.060E		---		---	31
TOTAL	---	---	---	17.371	12.048	4.549	2.696	1.328	1.271	---	---	---	TOTAL
MEAN	---	---	---	0.578	0.388	0.152	0.087	0.043	0.042	---	---	---	MEAN
MAX	---	---	---	0.783	0.573	0.212	0.138	0.054	0.089	---	---	---	MAX
MIN	---	---	---	0.382	0.189	0.084	0.057	0.027	0.028	---	---	---	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 0.783 ON APR 25

TYPE OF GAUGE - MANUAL
LOCATION - LAT 50 57 27 N
LONG 119 22 37 W
DRAINAGE AREA, 15.9 km²

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	233
FEB	---	AUG	115
MAR	---	SEP	110
APR	1 500	OCT	---
MAY	1 040	NOV	---
JUN	393	DEC	---

HOBSON CREEK BELOW BOIS GRENIER CREEK - STATION NO. 08LA018

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.318	1.208	1.318	1.088	8.66	30.2	15.2	21.2	13.5	4.38	9.48	2.008	1
2	1.308	1.178	1.298	1.078	7.21	21.9	14.9	18.8	18.5	4.27	8.29	1.938	2
3	1.298	1.158	1.288	1.088	6.78	18.0	17.5	15.9	23.1	4.93	7.75	1.828	3
4	1.288	1.148	1.228	1.108	6.81	15.5	17.7	13.7	15.7	5.85	7.38	1.728	4
5	1.278	1.118	1.208	1.128	7.69	14.8	16.0	14.9	11.2	4.74	6.33	1.678	5
6	1.268	1.098	1.168	1.128	8.51	18.7	17.9	13.9	10.5	4.41	5.85	1.628	6
7	1.258	1.108	1.118	1.118	8.83	20.7	17.2	13.3	9.20	4.21	5.32	1.588	7
8	1.278	1.118	1.058	1.108	7.62	19.1	14.7	14.7	7.85	3.85	4.96	1.618	8
9	1.308	1.138	1.018	1.098	6.86	19.7	13.2	16.3	8.48	3.74	4.53	1.658	9
10	1.528	1.158	1.008	1.088	6.97	20.3	13.3	14.4	7.88	3.63	4.30	1.698	10
11	1.488	1.188	1.018	1.068	6.67	15.8	28.3	16.5	7.28	3.40	4.24	1.718	11
12	1.438	1.228	1.028	1.158	6.20	13.6	41.8	13.2	7.10	3.31	4.11	1.648	12
13	1.408	1.268	1.028	1.28	7.06	13.6	33.9	15.8	8.29	3.43	3.99	1.588	13
14	1.398	1.308	1.038	1.40	7.76	17.1	31.7	15.6	10.5	3.36	3.73	1.518	14
15	1.388	1.358	1.058	1.58	8.42	19.8	22.2	14.0	9.18	3.14	3.70	1.478	15
16	1.378	1.338	1.078	1.74	9.05	19.2	18.1	12.2	8.55	2.82	3.78	1.488	16
17	1.368	1.318	1.088	1.87	9.45	27.8	16.2	13.3	8.22	2.85	3.80	1.438	17
18	1.328	1.318	1.068	2.63	9.05	22.2	16.1	10.8	7.03	2.76	3.45	1.408	18
19	1.308	1.338	1.078	5.21	8.50	18.8	16.8	10.5	8.31	2.71	3.26	1.328	19
20	1.288	1.358	1.088	3.96	10.5	18.1	18.5	9.48	8.92	2.79	2.86	1.298	20
21	1.308	1.398	1.058	5.14	11.3	15.2	19.0	9.02	8.19	3.25	2.94	1.218	21
22	1.288	1.418	1.048	4.83	11.0	15.8	17.0	8.80	8.52	5.80	2.858	1.178	22
23	1.268	1.428	1.038	4.33	12.3	17.8	17.4	9.89	8.67	3.93	2.558	1.078	23
24	1.248	1.408	1.038	6.49	14.6	19.2	18.8	10.0	8.80	3.17	2.428	1.088	24
25	1.228	1.488	1.058	8.85	15.2	15.8	18.8	9.81	8.80	3.27	2.348	1.088	25
26	1.238	1.438	1.048	5.95	14.0	14.3	32.3	10.3	7.38	12.8	2.288	1.128	26
27	1.278	1.408	1.048	5.30	15.0	15.1	15.2	10.4	8.48	9.88	2.188	1.158	27
28	1.318	1.378	1.048	5.81	24.8	15.8	17.8	10.7	8.44	8.80	2.148	1.178	28
29	1.398		1.058	8.36	32.6	15.9	15.7	12.5	4.90	5.83	2.038	1.188	29
30	1.278		1.058	8.45	28.2	19.2	15.1	11.3	4.82	10.2	2.048	1.138	30
31	1.248		1.058		36.0		19.8	12.2		13.1		1.208	31
TOTAL	40.88	35.82	33.57	86.84	378.87	550.4	800.7	408.80	266.87	152.24	124.55	44.71	TOTAL
MEAN	1.31	1.27	1.08	2.39	12.3	18.3	19.4	13.2	8.89	4.91	4.15	1.44	MEAN
MAX	1.52	1.46	1.31	8.85	28.2	30.2	41.8	21.2	23.1	13.1	9.48	2.00	MAX
MIN	1.22	1.09	1.00	1.08	6.67	13.6	13.2	9.02	4.82	2.71	2.04	1.08	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.47
MAXIMUM DAILY, 41.8 ON JUL 12
MINIMUM DAILY, 1.008 ON MAR 10
MAXIMUM INSTANTANEOUS,
55.6 AT 07:21 PST ON JUL 12

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 40 30 N
LONG 120 05 10 W
DRAINAGE AREA, 182 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 510	JUL	51 800
FEB	3 080	AUG	35 300
MAR	2 900	SEP	23 000
APR	7 500	OCT	13 200
MAY	32 800	NOV	10 800
JUN	47 600	DEC	3 860

TOTAL DISCHARGE, 235 000 dam³

HODSON LAKE NEAR CLEARWATER STATION - STATION NO. 08LA014

DAILY WATER LEVEL IN METRES FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	12.138	12.080	12.101	12.122	12.643	13.627	13.280	13.353	13.081	12.538	12.888	12.388	1
2	12.137	12.086	12.092	12.127	12.681	13.636	13.262	13.375	13.118	12.524	12.900	12.348	2
3	12.143	12.071	12.087	12.130	12.872	13.600	13.237	13.378	13.208	12.514	12.890	12.333	3
4	12.136	12.071	12.087	12.131	12.881	13.516	13.248	13.347	13 242	12.530	12.877	12.327	4
5	12.133	12.070	12.091	12.134	12.898	13.430	13.262	13.307	13.215	12.524	12.845	12.320	5
6	12.136	12.081	12 092	12.134	12.718	13.360	13.270	13.285	13.153	12.521	12.812	12.308	6
7	12.138	12.081	12.092	12.145	12.754	13.368	13.275	13.256	13.098	12.507	12.779	12.295	7
8	12.136	12.084	12.088	12.150	12.778	13.355	13.246	13.238	13.031	12.483	12.747	12.288	8
9	12.144	12.082	12.090	12.150	12.775	13.355	13.209	13.275	12.977	12.477	12.707	12.283	9
10	12.158	12.083	12.108	12.150	12.759	13.382	13.172	13.330	12.924	12.483	12.675	12.287	10
11	12.165	12.083	12.112	12.182	12 740	13.391	13.226	13.362	12.878	12.446	12.650	12.280	11
12	12.161	12.089	12.111	12.183	12.730	13.338	13.481	13.351	12.838	12.427	12.626	12.274	12
13	12.148	12.071	12.114	12.181	12.726	13.278	13.616	13.320	12.801	12.417	12.604	12.274	13
14	12.143	12.072	12.117	12.159	12.727	13.248	13.730	13.338	12.787	12.407	12.581	12.272	14
15	12.140	12.088	12.126	12.161	12.738	13.256	13.717	13.323	12.787	12.398	12.574	12.267	15
16	12.135	12.082	12.125	12.163	12.758	13.286	13.644	13.281	12.809	12.385	12.573	12.254	16
17	12.128	12.077	12.122	12.170	12 773	13.372	13.543	13.253	12.805	12.378	12.588	12.248	17
18	12.123	12.077	12.125	12.186	12.782	13.467	13.485	13.212	12.785	12.388	12.548	12.232	18
19	12.118	12.077	12.122	12.211	12.795	13.480	13.406	13.152	12.751	12.380	12.540	12.214	19
20	12.118	12.078	12.120	12.253	12 808	13.458	13.380	13.105	12.716	12.381	12.528	12.208	20
21	12.118	12.084	12.119	12.318	12.842	13.407	13.395	13.047	12.692	12.371	12.509	12.199	21
22	12.111	12.086	12.114	12.381	12.869	13.348	13.387	13.008	12.678	12.404	12.488	12.182	22
23	12.102	12.080	12.113	12.417	12.898	13.317	13.380	12.987	12.657	12.424	12.468	12.174	23
24	12.088	12.082	12.118	12.452	12.950	13.314	13.358	12.973	12.645	12.428	12.460	12.178	24
25	12.084	12.102	12.117	12.508	13.020	13.289	13.348	12.968	12.641	12.423	12.439	12.172	25
26	12.087	12.087	12.111	12.550	13.060	13.265	13.390	12.962	12.636	12 493	12.430	12.175	26
27	12.105	12.101	12.108	12.574	13.080	13.233	13.374	12.953	12.628	12.648	12.420	12.174	27
28	12.110	12.104	12.119	12.595	13.139	13.218	13.350	12.960	12.609	12.672	12.406	12.168	28
29	12.101		12.120	12.606	13.278	13.217	13.333	12.963	12.588	12.672	12.395	12.162	29
30	12.088		12.117	12.629	13 432	13.242	13.299	13.008	12.584	12 714	12.384	12.167	30
31	12.084		12.125		13.553		13.304	13.025		12.842		12.174	31
MEAN	12.125	12.079	12.110	12.273	12.866	13.369	13.372	13.184	12.845	12.487	12.610	12.245	MEAN
MAX	12.165	12.104	12.125	12.629	13.553	13.638	13.730	13.378	13.242	12.842	12 900	12.388	MAX
MIN	12.084	12.081	12.088	12.123	12.643	13.217	13.172	12.953	12.584	12.380	12.384	12.162	MIN

SUMMARY FOR THE YEAR 1983

WATER LEVELS IN METRES

MEAN, 12.633
MAXIMUM DAILY, 13.730 ON JUL 14
MINIMUM DAILY, 12.081 ON FEB 6
MAXIMUM INSTANTANEOUS,
13.745 AT 15:45 PST ON JUL 14

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 25 30 N
LONG 120 15 32 W

NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

HOLDEN LAKE NEAR NANAIMO - STATION NO. 08HB071

DAILY WATER LEVEL IN METRES FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	0.918E	0.521	0.421	0.421	0.345	---	---	---	1
2	---	---	---	---	---	0.921	0.501	0.421	0.421	0.387	---	---	---	2
3	---	---	---	---	---	0.901	0.501	0.421	0.401	0.393	---	---	---	3
4	---	---	---	---	---	0.901	0.491	0.421	0.401	0.381	---	---	---	4
5	---	---	---	---	---	0.898E	0.481	0.421	0.401	0.381	---	---	---	5
6	---	---	---	---	0.919	0.891	0.481	0.421	0.401	0.371	---	---	---	6
7	---	---	---	---	0.901	0.900	0.461	0.411	0.401	0.361	---	---	---	7
8	---	---	---	---	0.896	0.895E	0.441	0.411	0.401	0.381	---	---	---	8
9	---	---	---	---	0.886	0.891	0.441	0.411	0.391	0.381	---	---	---	9
10	---	---	---	---	0.882	0.901	0.441	0.411	0.381	0.401	---	---	---	10
11	---	---	---	---	0.881	0.891	0.421	0.421	0.381	0.401	---	---	---	11
12	---	---	---	---	0.881	0.900	0.418E	0.421	0.381	0.401	---	---	---	12
13	---	---	---	---	0.881	0.891	0.411	0.421	0.378E	0.401	---	---	---	13
14	---	---	---	---	0.881	0.901E	0.414E	0.421	0.378E	0.401	---	---	---	14
15	---	---	---	---	0.881	0.911	0.417	0.421	0.373E	0.401	---	---	---	15
16	---	---	---	---	0.881	0.913	0.419E	0.421	0.371	0.395	---	---	---	16
17	---	---	---	---	0.878	0.891	0.421	0.421	0.381	0.381	---	---	---	17
18	---	---	---	---	0.881	0.911	0.428E	0.421	0.351	0.381	---	---	---	18
19	---	---	---	---	0.882	0.900	0.434E	0.421	0.361	0.401	---	---	---	19
20	---	---	---	---	0.889	0.941	0.441	0.421	0.341	0.388	---	---	---	20
21	---	---	---	---	0.890	0.801	0.441	0.421	0.340	0.381	---	---	---	21
22	---	---	---	---	0.881	0.781E	0.441	0.421	0.339	0.401	---	---	---	22
23	---	---	---	---	0.880	0.781	0.431	0.421	0.337	0.391	---	---	---	23
24	---	---	---	---	0.902	0.721	0.421	0.421	0.331	0.391	---	---	---	24
25	---	---	---	---	0.902	0.701	0.421	0.401	0.330E	0.391	---	---	---	25
26	---	---	---	---	0.920	0.681	0.421E	0.421	0.329	0.401	---	---	---	26
27	---	---	---	---	0.920	0.641	0.421	0.421	0.327	0.391	---	---	---	27
28	---	---	---	---	0.911	0.601	0.421	0.421	0.328E	0.391	---	---	---	28
29	---		---	---	0.911	0.581E	0.421	0.421	0.329	0.381	---	---	---	29
30	---		---	---	0.911	0.581	0.421	0.421	0.335	0.381	---	---	---	30
31	---		---			0.541		0.421	0.340E		---		---	31
MEAN	---	---	---	---	---	0.820	0.441	0.419	0.388	0.388	---	---	---	MEAN
MAX	---	---	---	---	---	0.941	0.821	0.421	0.421	0.401	---	---	---	MAX
MIN	---	---	---	---	---	0.541	0.411	0.401	0.327	0.345	---	---	---	MIN

SUMMARY FOR THE YEAR 1983

WATER LEVELS IN METRES

MINIMUM DAILY, 0.327 ON AUG 27

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 06 32 N
LONG 123 49 45 W
DATA CONTRIBUTED BY -
BRITISH COLUMBIA MINISTRY OF ENVIRONMENT

E - ESTIMATED

NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

NOMATHKO RIVER AT INLET TO TATLAYOKO LAKE - STATION NO. 08ED005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.746B	0.645B	0.780A	0.812	3.04	9.80	3.03	2.47	1.31	0.800	0.891	0.635B	1
2	0.742B	0.620B	0.700B	0.811	3.12	9.27	3.85	2.73	1.81	0.813	0.830	0.630B	2
3	0.740B	0.605B	0.680B	0.801	3.10	8.77	4.18	2.73	2.10	0.883	0.819	0.620B	3
4	0.738B	0.600B	0.650B	0.881	3.10A	7.11	3.99	2.40	2.01	0.804	0.817	0.610B	4
5	0.735B	0.590B	0.678B	0.814	3.00E	5.34	3.74	2.03	1.70	0.785	0.772	0.595B	5
6	0.730B	0.585B	0.751	0.857	2.91E	4.37	3.36	1.51	1.47	0.782	0.778	0.580B	6
7	0.728B	0.581B	0.744	0.938	2.85E	4.11	3.02	1.82	1.30	0.777	0.758	0.585B	7
8	0.725B	0.590B	0.736	0.933	2.78E	4.22	2.80	1.78	1.20	0.760	0.706	0.580B	8
9	0.760B	0.610B	1.22	0.893	2.85E	4.50	2.74	1.89	1.14	0.752	0.687	0.585B	9
10	0.840B	0.840B	1.08	0.888	2.95E	4.61	2.50	2.33	1.06	0.730	0.675	0.575B	10
11	1.16 B	0.880B	1.03	0.851	2.41E	4.08	2.43	2.52	1.01	0.708	0.688	0.585B	11
12	1.08 B	0.800B	1.02	0.845	2.72E	3.48	2.57	2.44	0.988	0.704	0.700	0.580B	12
13	1.01 B	0.830B	0.924	0.809	3.00E	3.09	2.85	2.30	0.894	0.725	0.697	0.570B	13
14	0.985B	0.930B	0.871	0.782	3.20E	2.94	3.53	2.18	0.848	0.726	0.709	0.580B	14
15	0.925B	0.920B	0.828	0.778	3.41E	2.95	3.84	2.18	0.828	0.723	0.782	0.580B	15
16	0.880B	0.898B	0.818	0.796	3.82E	3.13	3.31	1.98	0.837	0.727	0.917	0.535B	16
17	0.870B	0.870B	0.820	0.789	4.00E	3.19	3.04	1.90	0.875	0.720	0.888	0.530B	17
18	0.855B	0.880B	0.813	0.830	4.50E	2.88	3.14	1.84	0.928	0.720	0.802	0.525B	18
19	0.845B	0.850B	0.805	0.835	5.00E	2.80	3.30	1.70	0.911	0.730	0.755	0.520B	19
20	0.840B	0.840B	0.795	0.853	5.70E	2.31	3.34	1.55	0.896	0.729	0.786	0.515B	20
21	0.838B	0.820B	0.786	0.880	7.05E	2.19	3.51	1.43	0.860	0.718	0.724	0.505B	21
22	0.800B	0.810B	0.784	0.825	6.85E	2.02	3.28	1.32	0.832	0.734	0.759	0.500B	22
23	0.780B	0.880B	0.801	0.807	7.10E	2.38	3.00	1.28	0.888	0.748	0.748	0.495B	23
24	0.720B	0.920E	0.788	1.03	7.85E	3.85	2.78	1.28	0.848	0.726	0.736	0.480B	24
25	0.718B	0.880E	0.807	2.75	8.40E	4.87	2.78	1.29	0.849	0.711	0.727	0.480B	25
26	0.720B	0.820E	0.818	3.38	8.00E	4.88	2.78	1.28	0.843	0.875	0.731	0.485B	26
27	0.720B	0.780E	0.795	2.70	7.48E	4.85	2.81	1.21	0.850	1.38	0.737	0.487B	27
28	0.715B	0.780E	0.808	2.43	7.20E	4.48	2.47	1.17	0.831	1.15	0.729	0.490B	28
29	0.700B		0.811	2.33	7.40E	4.28	2.24	1.18	0.831	0.981	0.717	0.492B	29
30	0.690B		0.783	2.78	7.78A	4.12	2.06	1.20	0.789	0.844	0.685	0.495B	30
31	0.870B		0.783		9.42		2.01	1.23		0.845		0.500B	31
TOTAL	25.006	21.192	25.538	36.884	151.18	130.20	94.85	58.61	32.725	25.081	22.712	16.814	TOTAL
MEAN	0.807	0.757	0.824	1.23	4.88	4.34	3.05	1.83	1.08	0.809	0.757	0.542	MEAN
MAX	1.16	0.930	1.22	3.38	9.42	9.80	4.18	2.73	2.10	1.38	0.917	0.635	MAX
MIN	0.670	0.581	0.650	0.778	2.41	2.08	2.01	1.17	0.789	0.704	0.675	0.480	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.75
MAXIMUM DAILY, 9.80 ON JUN 1
MINIMUM DAILY, 0.480B ON DEC 24
MAXIMUM INSTANTANEOUS,
10.0 AT 18:02 PST ON MAY 31

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 40 24 N
LONG 124 24 21 W
DRAINAGE AREA, 800 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 180	JUL	8 180
FEB	1 830	AUG	4 880
MAR	2 210	SEP	2 830
APR	3 190	OCT	2 170
MAY	13 100	NOV	1 980
JUN	11 200	DEC	1 450

TOTAL DISCHARGE, 55 200 dam³

NOMATHKO RIVER AT THE MOUTH - STATION NO. 08ED004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	55.5B	57.7	74.7	55.8	210	848E	483	707	583	122	138	56.0B	1
2	55.0B	55.7	70.1	56.1	205	815E	484	774	543	120	156	55.5B	2
3	54.5B	54.4	67.0	55.4	208	788A	473	803	507	118	181	55.0B	3
4	54.0B	52.7	64.1	54.3	197	880	487	593	558	130	162	54.0B	4
5	53.5B	52.3	61.5	54.2	183	857	479	547	428	116	127	53.0B	5
6	53.0B	52.8	60.7	55.4	177	832	458	538	423	102	117	52.0B	6
7	53.0B	53.0	59.7	72.2	183	842	430	550	310	94.5	104	51.5B	7
8	54.0B	53.2	62.6	70.6	185	825	398	541	259	88.9	93.8	51.0B	8
9	56.0B	51.8	117	65.5	150	730	385	780	230	81.7	88.1	51.0B	9
10	59.3B	52.0	124	64.2	143	784	407	735	217	79.0	84.6	51.5B	10
11	84.0	71.0	108	61.8	182	839	700	758	203	78.7	122	52.5B	11
12	128	116	93.6	60.3A	171	488	781	884	216	88.2	134	52.0B	12
13	108	114	89.0	59.7	188	444	800	881	248	90.5	118	51.5B	13
14	83.0	101	84.3	59.9	240	428	701	707	283	87.8	103	51.0B	14
15	74.2	93.8	80.0	61.8	200	525	510	618	243	82.8	137	50.5B	15
16	68.1	82.1	75.4	67.8	201	542	487	593	252	77.9	177	50.0B	16
17	66.1	85.0	72.9	78.0	224	490	570	580	188	79.1	148	49.8B	17
18	76.2	86.3	71.1	86.1	232	435	532	548	164	74.9	123	49.5B	18
19	86.0	79.8	69.6	83.6	238	400	758	515	138	77.1	104	49.0B	19
20	83.6	74.5	68.9	102	320	386	898	487	135	77.5	94.3	48.5B	20
21	76.6	72.0	67.9	107	358	394	868	485	183	95.6	88.1	47.5B	21
22	67.4	74.4	68.1	103	389	454	833	491	236	128	80.6	47.0B	22
23	63.1	81.2	63.9	98.3	418	518	824	531	275	91.2	78.4	46.5B	23
24	61.5	148	62.5	121	462	518	832	520	271	81.1	77.7	46.0B	24
25	60.5	122	61.9	149	480E	487	842	478	238	80.1	76.6	46.0B	25
26	64.3	97.3	61.6	144	440A	438	888	458	307	405	78.2	48.5B	26
27	70.4	88.0	61.7	132	550E	480	803	444	218	295	73.2	47.0B	27
28	68.1	80.5	61.3	143	600E	503	881	814	156	171	68.9	47.5B	28
29	63.0		61.8	183	650E	498	834	480	134	134	66.5	48.0B	29
30	60.8		59.7	208	783A	487	886	488	124	170	63.6	49.0B	30
31	59.5		58.8		850E		847	530		183		49.5B	31
TOTAL	2 127.4	2 312.0	2 280.0	2 751.8	10 014	15 252	17 802	18 203	8 302	3 707.5	3 238.8	1 555.3	TOTAL
MEAN	68.6	78.0	73.5	82.7	323	542	574	587	277	120	108	50.2	MEAN
MAX	128	148	124	208	880	848	900	803	583	405	177	56.0	MAX
MIN	53.0	51.8	58.7	59.7	143	386	385	444	124	74.8	63.8	46.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 242
MAXIMUM DAILY, 880E ON MAY 31
MINIMUM DAILY, 46.0B ON DEC 24
MAXIMUM INSTANTANEOUS,
1 050 AT 12:03 PST ON JUL 18

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 55 05 N
LONG 124 55 01 W
DRAINAGE AREA, 6 720 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	184 000	JUL	1 540 000
FEB	191 000	AUG	1 570 000
MAR	187 000	SEP	717 000
APR	240 000	OCT	320 000
MAY	885 000	NOV	280 000
JUN	1 400 000	DEC	135 000

TOTAL DISCHARGE, 7 860 000 dam³

HOMATHKO RIVER AT TRAGEDY CANYON - STATION NO. 08GD005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	26.5E	23.3	25.4	26.3	92.6	495	243	351	281	56.6	55.7	23.6	1
2	26.3E	22.7	27.1	26.4	93.0	497	261	386	257	56.6	56.4	23.0B	2
3	26.2E	21.6	26.7	26.2	97.3	447	265	364	269	56.7	57.8	22.7B	3
4	26.0E	20.5	25.3	26.4	98.7	383	261	285	280	58.7	58.9	22.1B	4
5	26.0E	20.9	25.0	26.5	87.4	327	253	274	198	52.4	47.9	21.7B	5
6	25.8E	22.3	25.0	27.9	85.1	304	239	276	189	48.6	44.8	21.3B	6
7	25.8E	23.1	24.6	30.0	84.6	312	231	278	145	44.2	41.0	21.1B	7
8	25.4E	21.7	24.6	29.6	78.3	341	210	340	122	41.4	38.6	21.0B	8
9	25.8E	22.1	39.5	28.7	75.8	371	206	373	112	38.5	37.1	21.3B	9
10	26.6A	22.0	38.6	28.3	73.1	384	213	371	105	37.1	36.2	21.9B	10
11	32.5	26.0	35.7	28.6	76.2	392	302	380	101	37.3	41.2	22.2B	11
12	36.2	36.7	33.6	26.3	82.9	367	313	343	107	40.1	42.6	22.2B	12
13	36.4	33.6	32.1	25.6	93.1	358	334	354	126	40.5	40.2	22.0B	13
14	30.3	30.6	31.0	26.2	101	352	286	341	128	38.7	37.7	21.8B	14
15	28.6	28.2	29.6	27.5	92.6	294	233	303	121	37.7	44.2	21.7B	15
16	27.4	27.8	29.0	30.1	87.7	301	244	296	121	36.1	55.8	21.4B	16
17	27.3	27.5	28.5	33.0	110	284	278	282	91.7	35.5	50.6	21.1B	17
18	27.3	27.7	28.0	37.7	110	239	302	273	77.7	34.4	45.8A	20.5B	18
19	28.3	27.2	27.5	41.3	120	220	350	285	67.7	34.3	41.4	20.3B	19
20	27.8	26.7	27.5	44.8	187	211	342	242	71.3	33.9	39.2	20.0B	20
21	26.1	26.0	27.4	45.8	180	213	337	234	93.5	38.8	38.5	20.0B	21
22	24.7	25.8	27.0	45.1	188	242	317	242	112	46.6	34.5	19.9B	22
23	24.4	25.5	26.5	44.7	220	266	316	283	131	37.5	34.0	19.8B	23
24	24.3	26.7	26.0	52.6	245	265	321	280	130	33.7	33.5	19.7B	24
25	24.8	27.7	25.4	66.1	274	235	318	238	118	37.0	32.4	19.8B	25
26	25.8	33.0	25.3	63.2	271	233	287	227	145	153	31.9	20.0B	26
27	25.9	31.0	25.5	59.5	274	255	266	220	98.8	106	30.6	20.3B	27
28	25.2	29.7	25.7	67.1	304	268	279	250	72.1	68.0	29.1	20.5B	28
29	24.4		25.8	62.5	380	284	266	238	62.0	57.0	28.6	20.7B	29
30	24.4		27.0	91.2	461	282	283	233	58.0	69.1	26.5	20.8B	30
31	24.0		26.7		513		301	259		69.0		21.1B	31
TOTAL	836.3	764.0	876.5	1 213.7	5 205.6	8 940	8 644	9 048	3 971.6	1 577.0	1 229.2	655.7	TOTAL
MEAN	27.0	27.3	28.2	40.5	168	298	279	292	132	50.9	41.0	21.2	MEAN
MAX	36.2	36.7	39.5	91.2	513	497	350	388	281	153	57.8	23.6	MAX
MIN	24.0	20.5	24.6	25.6	73.1	211	206	220	58.0	33.7	26.5	19.7	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 116
MAXIMUM DAILY, 513 ON MAY 31
MINIMUM DAILY, 19.7B ON DEC 24
MAXIMUM INSTANTANEOUS,
978 AT 05:46 PST ON JUL 19

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 15 58 N
LONG 124 53 13 W
DRAINAGE AREA, 4 070 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	72 300	JUL	747 000
FEB	66 000	AUG	782 000
MAR	75 600	SEP	343 000
APR	105 000	OCT	136 000
MAY	450 000	NOV	106 000
JUN	772 000	DEC	56 700

TOTAL DISCHARGE, 3 710 000 dam³

HOMATHKO RIVER BELOW NUDE CREEK - STATION NO. 08GD005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	8.80B	8.47	8.38	7.45	31.6	189	73.5	126	76.8	22.7	18.7	10.8 B	1
2	8.55B	8.86	7.91	7.42	31.3	184	77.6	136	73.6	22.2	18.0	10.5 B	2
3	8.80B	8.84	7.57	7.57	32.5	146	80.3	107	76.8	23.2	17.7	10.3 B	3
4	8.45B	8.30	8.88	7.48	32.7	118	83.3	80.4	86.0	21.5E	17.1	10.0 B	4
5	8.40B	8.92	7.01	7.87	32.3	98.4	80.8	75.2	82.2	20.0E	16.3	9.78B	5
6	8.45B	8.10	7.13	7.83	30.4	83.9	72.4	80.0	46.4	19.0E	16.0	9.60B	6
7	8.80B	8.89	8.92	8.38	29.6	101	86.6	82.4	37.6	17.9E	15.7	9.58B	7
8	8.55B	8.38	8.84	8.06	27.2	113	84.5	143	32.8	16.5E	15.0	9.55B	8
9	8.70B	8.55	9.15	7.85	26.4	121	83.6	131	30.8	15.9E	14.9	9.58B	9
10	10.0 E	8.44	8.87	8.13	23.5	113	85.5	131	29.7	15.1E	14.4	9.88B	10
11	11.2 A	7.16	8.59	7.70	24.6	88.1	104	139	28.6	16.0E	15.2	9.88B	11
12	11.0	8.58	8.48	7.89	26.2	81.7	108	126	29.7	16.5E	14.8	9.88B	12
13	10.2	8.16	8.38	7.87	28.7	80.2	104	137	38.1	16.0E	14.1	9.80B	13
14	9.25	7.81	8.15	7.92	30.8	79.5	84.8	123	42.7	15.2E	13.7	9.88B	14
15	8.81	7.80	7.98	8.17	29.8	85.0	89.7	89.3	38.6	14.9E	15.4	9.60B	15
16	8.83	7.97	7.84	8.85	32.3	90.6	74.9	99.4	31.3	14.8E	15.5	9.20B	16
17	8.41	7.81	7.96	9.15	35.9	79.3	88.1	82.1	27.6	14.0E	15.1A	8.90B	17
18	8.29	7.84	7.83	8.99	35.0	70.4	102	82.6	26.9	13.6E	15.8	8.70B	18
19	8.42	7.92	7.78	10.9	38.5	85.0	115 E	78.6	28.4	13.1E	14.8	8.50B	19
20	8.49	7.80	7.88	11.6	56.2	82.7	109 E	72.1	30.1	13.0E	14.7	8.20B	20
21	7.78	7.50	7.86	12.1	60.8	84.8	102 E	71.1	36.1	12.9E	14.1	8.00B	21
22	7.81	7.85	7.89	12.0	64.4	73.6	96.0E	73.1	41.8	15.5E	13.4	7.88B	22
23	7.42	8.33	7.62	11.9	70.2	81.6	97.0E	77.2	46.9	15.0E	13.7	7.80B	23
24	7.21	8.87	7.56	13.9	78.5	81.6	96.0E	73.3	42.6	14.5	13.8	7.85B	24
25	7.20	8.00	7.46	18.7	90.2	70.7	90.0E	68.9	37.8	16.2	13.4	7.88B	25
26	7.43	8.80	7.90	18.2	83.1	71.0	83.0E	65.3	44.6	51.3	13.2	8.05B	26
27	7.85	8.45	7.44	17.3	83.4	79.9	79.0E	62.6	32.2	30.2	12.6	8.20B	27
28	7.44	8.38	7.35	20.1	93.4	83.7	76.0A	77.1	27.3	20.8	12.4	8.45B	28
29	7.89		7.33	24.8	134	81.1	75.9	87.1	25.6	18.0	12.6	8.70B	29
30	7.41		7.59	28.5	162	80.1	81.7	87.7	24.2	20.8	11.7	8.90B	30
31	7.14		7.49		178		112	88.3		20.9		9.20B	31
TOTAL	261.40	210.44	240.58	344.89	1 732.0	2 817.5	2 873.3	2 911.8	1 204.8	578.1	445.3	282.71	TOTAL
MEAN	8.43	7.52	7.76	11.5	55.9	93.9	86.2	93.9	40.2	18.6	14.8	9.12	MEAN
MAX	11.2	8.87	9.15	28.5	178	189	115	143	76.8	51.3	15.7	10.8	MAX
MIN	7.14	5.84	6.92	7.42	23.5	62.7	63.6	62.6	24.2	12.8	11.7	7.85	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 37.8
MAXIMUM DAILY, 189 ON JUN 1
MINIMUM DAILY, 5.84 ON FEB 3

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 22 26 N
LONG 124 45 43 W
DRAINAGE AREA, 1 980 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	22 800	JUL	231 000
FEB	18 200	AUG	252 000
MAR	20 800	SEP	104 000
APR	29 800	OCT	49 800
MAY	150 000	NOV	38 600
JUN	243 000	DEC	34 400

TOTAL DISCHARGE, 1 180 000 dam³

HORSE LAKE NEAR 100 MILE HOUSE - STATION NO. 08LA017

DAILY WATER LEVEL IN METRES FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.285	1.165	1.123	1.195	1.330E	1.368	1.386	1.484	1.344	1.234	1.158	1.123	1
2	1.283	1.165	1.123	1.206	1.340E	1.365	1.382	1.480	1.348	1.230	1.156	1.128	2
3	1.274	1.159	1.123	1.207	1.360E	1.362	1.384	1.476	1.352	1.224	1.154	1.128	3
4	1.272	1.163	1.123	1.209	1.380E	1.368	1.400	1.470	1.344	1.220	1.154	1.128	4
5	1.264	1.147	1.123	1.212	1.398	1.374	1.404	1.466	1.336	1.216	1.152	1.124	5
6	1.262	1.147	1.117	1.215	1.402	1.383	1.410	1.464	1 336	1.212	1.152	1.124	6
7	1.254	1.147	1.118	1.218	1.408	1.387	1.414	1.460	1.332	1.210	1.150	1.122	7
8	1.252	1.141	1.112	1.221	1.408	1.389	1.416	1.454	1.328	1.208	1.150	1.122	8
9	1.244	1.135	1.112	1.224	1.408	1.388	1.420	1.450	1.324	1.200	1 148	1 116	9
10	1.248	1.135	1.112	1.225	1.408	1.382	1.420	1.452	1.322	1.198	1.144	1.114	10
11	1.252	1.129	1.112	1.215E	1.408	1.380	1.420	1.454	1.320	1.192	1.142	1.110	11
12	1.250	1.122	1.108	1.230E	1.408	1.380	1.422	1.456	1.322	1.188	1.138	1.110	12
13	1.242	1.116	1.112	1.245	1.408	1.378	1.422	1.456	1.326	1.184	1.138	1.108	13
14	1.240	1.118	1.118	1.248	1.408	1.370	1.422	1.452	1.330	1.180	1.136	1.106	14
15	1.232	1.118	1.128	1.250	1.408	1.364	1.424	1.446	1.328	1.178	1.132	1.104	15
16	1.224	1.123	1.130	1.254	1.404	1.360	1.428	1.444	1.320	1.174	1.132	1.104	16
17	1.222	1.123	1.135	1.260	1.404	1.358	1.430	1.438	1.320	1.174	1.132	1.102	17
18	1.216	1.123	1.140	1.264	1.402	1.362	1.430	1.432	1.314	1.172	1.132	1.098	18
19	1.213	1.117	1.143	1.270	1.402	1.358	1.430	1.426	1.308	1.172	1.132	1.098	19
20	1.207	1.117	1.150	1.272	1.398	1.366	1.434	1.420	1.302	1.170	1.132	1.094	20
21	1.207	1.123	1.151	1.280	1.398	1.372	1.440	1.416	1.298	1.170	1.132	1.094	21
22	1.201	1.123	1.154	1.286	1.392	1.380	1.446	1.401	1.294	1.168	1 130	1.090	22
23	1.201	1.130	1.157	1.286	1.388	1.380	1.442	1.392	1.288	1.168	1.130	1.090	23
24	1.201	1.130	1.160	1.290	1.380	1.380	1.446	1.390	1.282	1.164	1.130	1.088	24
25	1.195	1.130	1.163	1.290	1.374	1.378	1.450	1.386	1.276	1.162	1.130	1.088	25
26	1.195	1.136	1.165	1.292	1.368	1.380	1.458	1.382	1.272	1.160	1.130	1.088	26
27	1.188	1.136	1.172	1.296	1.362	1.388	1.464	1.378	1.284	1.160	1.130	1.088	27
28	1.183	1.130	1.177	1.302	1.356	1.386	1.470	1.371	1.258	1.160	1.128	1.082	28
29	1.183		1.184	1.308	1.364	1.382	1.476	1.362	1.250	1.160	1.128	1.082	29
30	1.177		1.187	1.310	1.372	1.382	1.478	1.350	1.242	1.160	1.128	1.080	30
31	1.171		1.190		1.372		1.480	1.338		1.158		1.080	31
MEAN	1.227	1.133	1.138	1.253	1.387	1.375	1.431	1.427	1.308	1.185	1.139	1.103	MEAN
MAX	1.285	1.165	1.190	1.310	1.408	1.389	1.480	1.484	1.352	1.234	1.158	1.128	MAX
MIN	1.171	1.116	1.108	1.195	1.330	1.352	1.384	1.338	1.242	1.158	1.128	1.080	MIN

SUMMARY FOR THE YEAR 1983

WATER LEVELS IN METRES

MEAN, 1.280
MAXIMUM DAILY, 1.484 ON AUG 1
MINIMUM DAILY, 1.080 ON DEC 30

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 36 06 N
LONG 121 11 32 W

E - ESTIMATED

REGULATED SINCE 1982

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

HORSEFLY RIVER ABOVE MCKINLEY CREEK - STATION NO. 08KH010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.828	2.958	4.908	5.68	28.4	85.2	50.6	25.5	7.79	8.95	31.2	8.308	1
2	3.678	2.888	4.508	5.81	29.1	77.1	46.7	23.6	9.35	8.72	28.6	8.008	2
3	3.958	2.818	4.108	5.52	29.4	65.7	43.1	22.1	13.2	8.52	25.7	7.788	3
4	4.018	2.788	3.888	5.55	28.3	56.9	45.4	20.1	13.3	9.63	24.3	7.608	4
5	4.008	2.728	3.708	5.94	29.0	50.2	41.6	18.2	12.4	9.69	22.4	7.658	5
6	3.968	2.708	3.558	6.22	29.7	47.3	38.1	17.1	11.2	9 14	20.6	7.608	6
7	3.948	2.768	3.408	6.78	35.2	51.7	35.4	16.1	11.7	8.76	19.1	7.408	7
8	3.908	2.858	3.388	7.00	33.0	47.6	32.7	15.5	11.0	8.30	18.0	7.008	8
9	3.938	2.928	3.508	6.31	29.7	48.0	31.4	15.1	10.6	7.88	16.8	6.708	9
10	3.988	2.988	4.008	6.35	27.0	47.5	28.8	15.3	10.3	7.60	16.1	6.408	10
11	4.158	3.158	4.708	5.93	24.8	47.0	33.8	18.9	10.6	7.24	15.6	6.208	11
12	4.228	3.358	5.108	5.88	23.8	41.6	87.7	16.2	10.6	7.03	15.2	6.008	12
13	4.188	3.608	5 908	5.89	24.2	39.1	78.0	16.2	10.3	7.01	14.7	5.808	13
14	4.058	3.808	6.18	5.88	24.6	38.0	77.4	15.5	10.8	8.98	13.8	5.608	14
15	3.958	3.908	6.52	6.08	25.0	43.7	89.4	15.0	11.2	8.81	13.5	5.408	15
16	3.808	4.058	6.58	8.71	26.4	46.0	87.7	14.1	13.0	8.38	14.5	5.208	16
17	3.828	4.108	6.24	7 24	30.4	51.4	80.1	14.0	15.3	8.35	15.2	6.008	17
18	3.858	4.208	6.12	9.18	33.7	57.4	44.1	13.3	13.4	8.33	15.1	4.908	18
19	3.838	4.308	6.06	11.8	30.8	51.2	39.9	11.8	12.1	8.22	14.2	4.708	19
20	3.808	4.388	5.93	13.9	30.8	51.7	38.8	10.6	11.8	8.80	13.2	4.508	20
21	3.758	4.458	5.80	18.6	36 6	56.6	42.9	10.3	11.4	7.27	12.6	4.308	21
22	3.708	4.808	5.18	23.1	38.6	60.0	40.7	9.70	11.7	11.4	11.2	4.158	22
23	3.808	4.708	5.61	21 6	42.3	60.4	35.8	9.34	11.3	11.7	11.2	4.008	23
24	3.508	4.908	5.37	23.1	48.8	53.3	33.5	8.78	10.7	9.87	10.8	3.858	24
25	3.408	5.048	5.22	26.8	52.2	52.2	33.8	8.63	10.3	8.87	10.7	3.808	25
26	3.458	5.158	5.18	28.3	53.5	45.8	36.8	8.40	9.88	11.8	10.4	3.688	26
27	3.508	5.208	5.43	24.8	51.0	42.2	36.8	8.10	10.8	30.0	10.1	3.768	27
28	3.478	5.158	5.34	25.2	56.8	40.1	32.6	7.85	10.4	22.1	9.88	3.858	28
29	3.408		5.27	26.5	74.3	39.8	32.1	7.89	8.78	17.7	8.81	3.938	29
30	3.308		5.51	28.5	84.6	51.5	28.8	8.43	9.38	17.8	8.608	4 018	30
31	3.158		5.88		89.4		26.9	8.12		31.1		4.108	31
TOTAL	117.25	106.31	157.43	383.68	1 203.7	1 536.2	1 330.5	439.11	335.59	334.14	471.09	170.93	TOTAL
MEAN	3.78	3.80	5.08	12.8	38.8	51.2	42.9	14.2	11.2	10.8	15.7	5.51	MEAN
MAX	4.22	5.20	6.58	28.5	89.4	85.2	78.0	25.5	15.3	31.1	31.2	8.30	MAX
MIN	3.15	2.70	3.38	5.52	23.8	38.0	26.9	7.85	7.79	8.23	8.60	3.80	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 18.0
MAXIMUM DAILY, 89.4 ON MAY 31
MINIMUM DAILY, 2 708 ON FEB 8
MAXIMUM INSTANTANEOUS,
89.8 AT 13:40 PST ON MAY 31

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 17 23 N
LONG 121 03 37 W
DRAINAGE AREA, 785 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	10 100	JUL	115 000
FEB	9 190	AUG	37 900
MAR	13 600	SEP	29 000
APR	33 100	OCT	28 800
MAY	104 000	NOV	40 700
JUN	133 000	DEC	14 800

TOTAL DISCHARGE, 588 000 dam³

HOSMER CREEK ABOVE DIVERSIONS - STATION NO. 08NK025

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.087E	0.112	0.349	0.849	0.085	0.085	0.038E	0.035E	0.035	---	1
2	---	---	0.101E	0.129E	0.349E	0.627E	0.085E	0.050E	0.036	0.036	0.083E	---	2
3	---	---	0.105E	0.145	0.349	0.804	0.085	0.085	0.036E	0.038E	0.149	---	3
4	---	---	0.110E	0.160E	0.398	0.591E	0.085E	0.050E	0.036	0.036	0.149E	---	4
5	---	---	0.114E	0.174	0.386	0.577	0.085	0.044	0.036E	0.036E	0.149	---	5
6	---	---	0.118E	0.174E	0.440E	0.555E	0.085E	0.042E	0.036	0.036	0.149E	---	6
7	0.029	---	0.122	0.174	0.514	0.532	0.085	0.040	0.036E	0.036E	0.149	---	7
8	---	---	0.147E	0.178E	0.514E	0.493	0.085E	0.040E	0.036	0.036	0.116E	---	8
9	---	---	0.171E	0.182	0.514	0.411	0.085	0.040	0.036E	0.036E	0.083	---	9
10	---	---	0.196E	0.182E	0.308	0.342E	0.088E	0.048E	0.036	0.036	0.078E	---	10
11	---	---	0.221	0.182	0.320	0.274	0.080	0.058	0.036E	0.036E	0.074	---	11
12	---	---	0.201E	0.189E	0.314E	0.274E	0.101E	0.049E	0.036	0.036	0.074E	---	12
13	---	---	0.181E	0.216	0.308	0.274	0.112	0.042	0.036E	0.035E	0.074	---	13
14	---	---	0.161E	0.239E	0.343E	0.249E	0.413E	0.042E	0.035	0.034	0.074E	---	14
15	---	---	0.141E	0.262	0.378	0.225	0.713	0.042	0.035E	0.034E	0.074	---	15
16	---	---	0.121E	0.262E	0.378E	0.198E	0.488E	0.042E	0.034	0.034	---	---	16
17	---	---	0.101	0.282	0.378	0.167	0.225	0.042	0.034E	0.035E	---	---	17
18	---	---	0.087E	0.320E	0.391E	0.156E	0.185E	0.040E	0.034	0.036	---	---	18
19	---	---	0.074E	0.378	0.404	0.145	0.145	0.039	0.034E	0.036E	---	---	19
20	---	---	0.080	0.446E	0.513E	0.138E	0.185E	0.039E	0.034	0.036	---	---	20
21	---	---	0.087E	0.514	0.622	0.132	0.225	0.039	0.034	0.036E	---	---	21
22	---	0.056	0.073E	0.758E	0.725E	0.122E	0.225E	0.038E	0.034	0.036	---	---	22
23	---	0.462	0.080E	1.00	0.829	0.112	0.225	0.038	0.033E	0.036E	---	---	23
24	---	0.088E	0.086E	0.758E	0.858E	0.105E	0.225E	0.038E	0.033	0.036	---	---	24
25	---	0.074E	0.093E	0.514	0.890	0.098	0.225	0.038	0.036	0.038E	---	---	25
26	---	0.081E	0.098E	0.417E	1.04	0.092E	0.153E	0.040	0.033	0.038	---	---	26
27	---	0.087E	0.108	0.320	1.00	0.085	0.080	0.038	0.033E	0.038E	---	---	27
28	---	0.093	0.106E	0.328E	0.931E	0.087E	0.080E	0.038E	0.034	0.034	---	---	28
29	---		0.105	0.332	0.861E	0.088	0.080	0.036	0.034E	0.034E	---	---	29
30	---		0.106E	0.340E	0.790E	0.087E	0.072E	0.038E	0.034	0.034	---	---	30
31	0.035		0.110E		0.720E		0.064	0.038		0.038E			31
TOTAL	---	---	3.883	9.855	17.095	8.487	5.145	1.316	1.068	1.099	---	---	TOTAL
MEAN	---	---	0.118	0.322	0.551	0.283	0.166	0.042	0.035	0.035	---	---	MEAN
MAX	---	---	0.221	1.00	1.04	0.649	0.713	0.056	0.038	0.038	---	---	MAX
MIN	---	---	0.080	0.112	0.308	0.085	0.064	0.038	0.033	0.034	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 1.04 ON MAY 26

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 35 08 N
LONG 114 57 20 W
DRAINAGE AREA, 6.40 km²

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	445
FEB	---	AUG	114
MAR	318	SEP	80.4
APR	834	OCT	95.0
MAY	1 480	NOV	---
JUN	733	DEC	---

HOWELL CREEK ABOVE CABIN CREEK - STATION NO. 08NP003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.383E	0.556	0.565	0.658	4.38	14.8	5.95	3.70	1.80	1.18	0.863	0.785E	1
2	0.361E	0.555E	0.570	0.653	4.41	13.3	5.69	3.82	1.88	1.14	0.840	0.700E	2
3	0.530E	0.550E	0.543	0.704	4.54	12.0	5.56	3.50	1.82	1.11	0.817	0.710E	3
4	0.670E	0.540E	0.488	0.680	4.90	11.7	5.39	3.42	1.77	1.08	1.82	0.735E	4
5	0.818E	0.600E	0.471	0.689	5.40	11.6	5.17	3.32	1.75	1.08	2.73	0.730E	5
6	0.800E	0.660E	0.479	0.712	8.27	11.6	5.10	3.21	1.75	1.10	2.53	0.718E	6
7	0.753	0.708E	0.480	0.743	7.11	11.7	5.09	3.08	1.68	1.08	2.46	0.710E	7
8	0.677	0.675E	0.479	0.829	7.41	11.8	5.83	3.04	1.81	1.04	2.21	0.720E	8
9	0.743	0.625E	0.528	0.804	7.07	11.8	5.61	3.01	1.84	1.02	2.06	0.760E	9
10	0.739	0.607E	0.589	0.812	6.44	11.9	5.10	2.88	1.66	0.997	1.88	0.803E	10
11	0.686	0.571	0.630	0.820	5.99	11.1	4.84	2.83	1.65	0.988	1.81	0.818E	11
12	0.657	0.582	0.642	0.828	5.79	9.83	4.73	2.80	1.57	0.966	1.70	0.817	12
13	0.646	0.589	0.630	0.839	5.80	8.97	5.14	2.71	1.52	0.946	1.65	0.826	13
14	0.610E	0.582	0.630	0.881	6.22	8.39	9.47	2.59	1.47	0.938	1.82	0.805	14
15	0.585E	0.548	0.625	0.918	6.57	8.38	9.22	2.48	1.49	0.913	1.53	0.780	15
16	0.545E	0.550	0.588	1.01	6.90	8.33	7.91	2.40	1.47	0.914	1.46	0.750E	15
17	0.590E	0.554	0.574	1.07	7.70	7.98	7.29	2.33	1.51	0.944	1.49	0.870E	17
18	0.620E	0.560	0.583E	1.31	8.89	8.10	6.83	2.33	1.44	0.954	1.44	0.803E	18
19	0.598E	0.493	0.560E	1.59	8.94	7.86	6.09	2.25	1.41	0.904	1.38	0.558E	19
20	0.540E	0.492	0.568E	2.05	8.80	7.18	5.98	2.22	1.38	0.868	1.33	0.513E	20
21	0.547E	0.497	0.588	3.16	10.6	8.61	5.75	2.20	1.40	0.838	1.28	0.522E	21
22	0.565E	0.494	0.585	4.36	12.9	8.25	5.34	2.13	1.37	0.895	1.21	0.520E	22
23	0.580E	0.515	0.577	5.39	14.3	8.19	5.16	2.11	1.32	0.938	1.15	0.512E	23
24	0.591	0.513	0.560	6.77	16.4	8.47	5.11	2.19	1.30	0.852	1.12	0.507E	24
25	0.576	0.519	0.589	8.16	18.7	8.52	4.97	2.12	1.27	0.828	1.10	0.520E	25
26	0.587	0.518	0.561	8.83	20.4	8.17	4.75	2.08	1.26	0.817	1.08	0.810E	26
27	0.617	0.525	0.578	8.68	20.5	8.89	4.62	2.02	1.22	0.788	1.07	0.885E	27
28	0.617	0.553	0.583	8.93	19.5	8.92	4.36	1.98	1.22	0.828	1.06	0.840E	28
29	0.600E		0.594	8.46	20.0	8.61	4.18	1.94	1.18	0.853	1.06	0.838E	29
30	0.545E		0.647	8.38	21.3	8.90	4.00	1.89	1.16	0.852	0.9008	0.720E	30
31	0.580E		0.621		18.0		3.87	1.82		0.878		0.800E	31
TOTAL	19.115	16.712	17.673	72.750	333.13	270.21	173.75	80.17	44.85	29.488	44.780	21.183	TOTAL
MEAN	0.617	0.581	0.570	2.43	10.4	9.01	5.80	2.59	1.50	0.951	1.49	0.683	MEAN
MAX	0.677	0.708	0.647	8.16	21.3	14.8	9.47	3.70	1.88	1.18	2.73	0.826	MAX
MIN	0.361	0.492	0.471	0.653	4.38	8.81	3.87	1.82	1.15	0.788	0.840	0.507	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.05
MAXIMUM DAILY, 21.3 ON MAY 30
MINIMUM DAILY, 0.361E ON JAN 2
MAXIMUM INSTANTANEOUS,
22.3 AT 09:00 MST ON MAY 30

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 05 41 N
LONG 114 32 09 W
DRAINAGE AREA, 145 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 650	JUL	15 000
FEB	1 380	AUG	6 930
MAR	1 530	SEP	3 880
APR	8 290	OCT	2 550
MAY	27 800	NOV	3 870
JUN	23 300	DEC	1 830

TOTAL DISCHARGE, 98 000 dam³

HUDSON CREEK NEAR THE MOUTH - STATION NO. 08LE107

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.052E	0.380	0.163E	0.067	0.028E	0.015	---	---	---	1
2	---	---	---	0.052E	0.388	0.150E	0.073	0.032E	0.039	---	---	---	2
3	---	---	---	0.051E	0.371	0.161E	0.053	0.021E	0.017	---	---	---	3
4	---	---	---	0.051E	0.350	0.140E	0.018	0.017E	0.009	---	---	---	4
5	---	---	---	0.051E	0.355	0.131E	0.011	0.014E	0.004	---	---	---	5
6	---	---	---	0.052E	0.319	0.125E	0.019	0.013E	0.001	---	---	---	6
7	---	---	---	0.051A	0.410	0.118E	0.015	0.010E	0.002	---	---	---	7
8	---	---	---	0.049	0.354	0.107E	0.041	0.012E	0.003E	---	---	---	8
9	---	---	---	0.045	0.304	0.103E	0.055	0.013E	0.004E	---	---	---	9
10	---	---	---	0.046	0.255	0.144E	0.013	0.015E	0.007E	---	---	---	10
11	---	---	---	0.043A	0.213	0.118E	0.049	0.018E	0.015	---	---	---	11
12	---	---	---	0.040E	0.197	0.120E	0.092	0.015E	0.025	---	---	---	12
13	---	---	---	0.038A	0.201	0.102E	0.103	0.012E	0.017	---	---	---	13
14	---	---	---	0.041	0.201	0.109E	0.106	0.010E	0.014	---	---	---	14
15	---	---	---	0.042	0.201	0.121A	0.103	0.009E	0.010	---	---	---	15
16	---	---	---	0.047	0.223	0.109	0.099	0.008E	0.011	---	---	---	16
17	---	---	---	0.050	0.261A	0.153	0.092	0.007A	0.005	---	---	---	17
18	---	---	---	0.054	0.274A	0.111	0.088	0.033	0.005	---	---	---	18
19	---	---	---	0.106	0.260A	0.094	0.081	0.022	0.008	---	---	---	19
20	---	---	---	0.124	0.278A	0.105	0.075	0.020	0.007	---	---	---	20
21	---	---	---	0.185	0.278A	0.083	0.069	0.018	0.007	---	---	---	21
22	---	---	---	0.189A	0.286A	0.068	0.047E	0.009	0.007	---	---	---	22
23	---	---	---	0.188E	0.301A	0.068	0.028E	0.008	0.006	---	---	---	23
24	---	---	---	0.222E	0.350A	0.064	0.070A	0.006	0.005	---	---	---	24
25	---	---	---	0.251E	0.367A	0.074	0.077A	0.004	0.004	---	---	---	25
26	---	---	---	0.283A	0.341E	0.068	0.077A	0.001	0.004	---	---	---	26
27	---	---	---	0.238	0.302E	0.032	0.048E	0.002	0.005	---	---	---	27
28	---	---	---	0.220	0.268E	0.023	0.037E	0.003	0.005A	---	---	---	28
29	---		---	0.228	0.238E	0.027	0.029E	0.003	0.003E	---	---	---	29
30	---		---	0.238	0.205E	0.084	0.032E	0.004	0.002E	---	---	---	30
31	---		---		0.182E		0.036E	0.001		---		---	31
TOTAL	---	---	---	3.330	8.433	3.122	1.784	0.382	0.264	---	---	---	TOTAL
MEAN	---	---	---	0.111	0.272	0.104	0.058	0.013	0.009	---	---	---	MEAN
MAX	---	---	---	0.283	0.410	0.163	0.106	0.033	0.039	---	---	---	MAX
MIN	---	---	---	0.038	0.182	0.023	0.011	0.001	0.001	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 0.410 ON MAY 7

MAXIMUM INSTANTANEOUS,
0.478 AT 20:48 PST ON MAY 6

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 57 49 N
LONG 119 09 48 W

A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	155
FEB	---	AUG	33.0
MAR	---	SEP	22.8
APR	287	OCT	---
MAY	729	NOV	---
JUN	270	DEC	---

ILLECILLEWAET RIVER AT GREELEY - STATION NO. 08ND013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	8.988	7.97	9.00	15.4	84.0	211	117	135	65.9	21.6	44.4	18.18	1
2	9.008	7.22	8.92	15.9	86.8	189	114	148	105	21.5	35.9	18.28	2
3	9.208	6.73	8.63	16.2	88.4	174	121	131	101	20.9	30.5	17.98	3
4	9.508	6.588	8.81	16.2	87.8	163	114	113	82.2	23.0	49.7	17.38	4
5	9.808	6.808	8.94	16.7	88.8	139	131	106	84.9	21.2	40.2	17.08	5
6	9.468	6.688	8.83	17.2	88.1	138	137	112	81.1	20.5	36.8	16.68	6
7	9.408	6.708	8.86	21.3	76.2	161	134	102	68.4	19.8	32.1	16.58	7
8	9.838	6.808	9.11	22.7	72.8	184	128	107	60.9	19.4	31.1	16.38	8
9	8.808	7.008	10.4	20.3	83.3	183	117	118	57.2	19.2	28.1	16.08	9
10	8.708	7.508	12.8	19.9	87.7	188	100	119	54.5	19.0	27.8	15.88	10
11	10.5 B	7.908	15.9	18.2	85.8	137	189	123	35.4	18.8	27.5	15.58	11
12	10.3 B	8.56	14.2	16.6	86.3	115	436	123	34.0	18.6	26.3	15.08	12
13	9.808	10.1	12.6	15.8	80.3	102	324	97.8	32.4	18.5	25.5	14.88	13
14	9.41	9.76	13.5	15.3	84.1	109	224	102	29.1	18.6	24.8	14.88	14
15	9.308	9.02	13.2	16.8	88.6	170	215	92.8	32.7	18.5	28.0	14.38	15
16	9.258	8.86	13.2	18.7	78.6	134	184	79.4	35.6	18.2	27.6	13.98	16
17	9.698	8.62	13.1	19.9	71.0	152	143	75.7	35.3	18.3	26.7	13.68	17
18	9.308	8.63	12.4	26.1	70.0	159	131	75.6	30.9	18.2	25.6	13.58	18
19	9.078	8.58	12.1	32.8	87.7	124	132	88.6	27.8	18.2	25.0	12.78	19
20	9.008	8.86	12.2	36.6	98.8	112	141	84.2	28.6	18.2	24.1	12.28	20
21	8.908	8.86	11.6	46.8	80.4	98.4	147	68.1	26.5	18.3	23.4	11.68	21
22	8.88	8.61	10.8	44.8	85.7	91.7	127	67.3	25.6	24.8	22.7	11.88	22
23	8.38	8.27	11.1	47.6	106	97.7	129	69.9	25.9	23.2	23.6	11.78	23
24	8.18	8.46	12.0	56.3	127	115	132	61.6	27.1	19.6	21.6	11.78	24
25	8.08	9.30	12.4	70.9	148	103	130	75.2	28.6	20.2	21.2	11.88	25
26	8.06	9.22	12.8	68.6	144	88.8	148	85.6	30.2	22.6	21.0	11.58	26
27	8.30	9.06	13.0	56.9	138	89.9	109	81.3	33.7	29.6	20.68	11.88	27
28	8.01	9.00	13.3	51.3	174	108	103	65.4	25.4	25.4	20.18	12.28	28
29	7.86		13.6	48.8	210	125	89.7	64.0	23.6	23.6	19.38	12.68	29
30	8.43		14.3	53.6	238	148	101	70.5	22.5	26.0	18.78	13.68	30
31	8.28		14.9		230		113	76.3		61.7		14.08	31
TOTAL	281.21	226.20	388.82	954.4	3 048.7	3 989.6	4 729.7	2 787.5	1 248.0	686.9	837.1	444.7	TOTAL
MEAN	9.07	8.15	11.9	31.8	98.0	133	153	89.9	41.6	22.2	27.9	14.3	MEAN
MAX	10.5	10.1	15.9	70.9	238	211	436	148	105	61.7	49.7	18.2	MAX
MIN	7.86	6.80	8.63	15.4	84.0	88.8	89.7	57.3	22.5	18.2	18.7	11.6	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 83.6
MAXIMUM DAILY, 436 ON JUL 12
MINIMUM DAILY, 6.800 ON FEB 5
MAXIMUM INSTANTANEOUS,
881 AT 07:30 PST ON JUL 12

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 00 49 N
LONG 116 04 07 W
DRAINAGE AREA, 1 170 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	24	300	JUL	408	000
FEB	19	700	AUG	243	000
MAR	31	800	SEP	104	000
APR	82	500	OCT	59	300
MAY	356	000	NOV	72	300
JUN	345	000	DEC	38	400

TOTAL DISCHARGE, 1 890 000 dam³

INCOMAPPLEUX RIVER NEAR BEATON - STATION NO. 08NE001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	10.6 B	9.62	12.0	16.2	57.7	208	115	138	83.9	20.2	43.4	17.2	1
2	10.5 B	9.34	11.8	16.9	59.5	184	115	160	86.2	19.6	38.1	17.7	2
3	10.7 B	8.93	11.7	18.4	59.2	176	116	169	85.5	19.0	40.1	18.4	3
4	10.8 B	8.85B	12.1	19.6	56.7	168	108	127	77.1	20.4	55.6	17.8	4
5	10.9 B	8.55B	12.3	20.6	61.1	131	115	120	64.3	18.1	44.7	17.4	5
6	10.7 B	8.45B	12.1	20.9	66.5	129	164	132	51.3	18.5	40.1	17.0	6
7	10.6 B	8.25B	12.3	25.3	75.0	151	165	121	46.7	17.9	36.0	16.7	7
8	10.9	8.15B	12.7	26.3	75.3	158	137	122	40.7	17.2	33.6	15.6	8
9	10.6 B	8.05B	14.4	24.5	66.1	164	130	129	36.5	15.9	31.1	17.0	9
10	10.7 B	7.90B	17.8	23.4	61.6	155	103	133	33.8	16.4	29.2	16.6	10
11	10.8 B	8.00B	21.1	22.5	60.5	132	188	139	37.3	16.0	29.3	15.9	11
12	11.1 B	8.90B	19.1	21.4	61.2	106	570	135	34.3	15.8	27.9	16.7	12
13	10.8 B	9.72	18.4	20.7	66.0	93.0	356	108	31.9	15.9	27.0	15.8	13
14	10.6 B	10.6	18.2	20.8	68.8	103	352	112	38.1	15.7	28.1	15.6	14
15	10.3 B	11.2	16.6	22.1	70.2	131	218	101	33.2	15.9	27.0	15.4	15
16	10.4	10.6	17.7	23.6	76.5	133	187	88.3	34.6	15.2	27.6	14.8	16
17	10.9	10.6	17.2	28.7	74.6	144	166	82.6	38.1	15.1	28.2	13.6	17
18	10.9	10.7	16.6	32.3	75.1	149	135	79.0	31.3	15.0	27.7	13.28	18
19	10.4	10.9	15.8	35.5	72.4	130	138	73.2	28.1	14.7	26.8	13.38	19
20	10.2	11.0	15.3	45.0	88.2	113	146	71.0	26.5	15.2	25.3	13.38	20
21	10.4	11.0	15.0	51.5	83.6	83.9	136	65.6	26.8	15.2	24.5	13.08	21
22	10.3	11.0	14.8	49.4	86.7	88.7	124	63.6	26.0	22.8	23.8	12.68	22
23	10.3	10.7	14.4	55.4	105	98.6	128	67.7	26.6	21.0	23.1	12.18	23
24	10.0	11.0	15.5	60.3	127	115	131	68.3	26.1	17.9	22.3	11.88	24
25	10.0	12.1	15.4	61.8	146	98.4	136	61.6	27.0	16.8	21.8	11.68	25
26	9.97	12.2	15.4	65.7	147	82.5	150	67.7	20.8	20.4	21.7	12.18	26
27	10.3	12.4	15.6	57.3	145	86.6	110	62.6	22.7	25.2	21.6	12.08	27
28	10.1	12.1	16.7	54.4	184	104	104	66.1	25.0	22.8	20.9	11.88	28
29	9.71		18.1	53.6	218	121	101	67.2	22.4	21.0	19.3	11.68	29
30	9.80		17.1	56.2	243	152	103	73.3	21.1	26.2	18.8	11.98	30
31	9.80		18.0		230		118	78.0		60.5		12.08	31
TOTAL	324.88	281.21	478.5	1 086.3	3 049.7	3 880.5	4 993	3 103.0	1 221.6	610.6	883.8	452.1	TOTAL
MEAN	10.5	10.0	15.5	36.2	98.4	129	161	100	40.7	19.7	29.5	14.6	MEAN
MAX	11.1	12.4	21.1	61.5	243	208	570	169	86.2	60.6	55.6	18.4	MAX
MIN	9.80	7.90	11.7	16.2	57.7	82.5	101	62.5	21.1	14.7	18.8	11.6	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 55.7
MAXIMUM DAILY, 570 ON JUL 12
MINIMUM DAILY, 7.90B ON FEB 10
MAXIMUM INSTANTANEOUS,
780 AT 13:05 PST ON JUL 12

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 46 35 N
LONG 117 40 35 W
DRAINAGE AREA, 1 020 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	28 100	JUL	431 000
FEB	24 300	AUG	268 000
MAR	41 400	SEP	106 000
APR	93 800	OCT	53 800
MAY	263 000	NOV	76 400
JUN	334 000	DEC	39 100

TOTAL DISCHARGE, 1 760 000 dam³

INGENIKA RIVER ABOVE SWANNELL RIVER - STATION NO. 07EA004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	13.3B	11.7B	10.4B	10.6B	27.5E	367	146	87.5	50.4	54.2E	28.1	17.3B	1
2	13.1B	11.6B	10.3B	10.5B	29.6E	379	168	83.0	48.8	52.2E	28.2	16.8B	2
3	12.9B	11.6B	10.3B	10.5B	31.3E	302	216	83.2	49.4	50.7E	28.4	16.6B	3
4	12.8B	11.4B	10.2B	10.5B	34.1A	266	184	79.9	53.3	49.7E	26.5	16.3B	4
5	12.8B	11.4B	10.2B	10.5B	33.0	213	184	74.8	54.1	48.8E	26.7	16.1B	5
6	12.7B	11.3B	10.3B	10.8B	31.6	180	182	70.7	53.3	48.2E	24.5	15.9B	6
7	12.7B	11.3B	10.3B	10.6B	34.1	156	190	67.5	54.5	47.8E	28.6	15.8B	7
8	12.6B	11.3B	10.2B	10.7B	37.4	153	188	64.7	58.5	46.0E	24.4	15.6B	8
9	12.5B	11.3B	10.2B	10.8B	38.7	172	180	61.6	57.7	44.0E	22.7 B	15.3B	9
10	12.5B	11.3B	10.2B	10.9B	39.3	217	136	58.7	53.9	42.0E	20.0 B	15.1B	10
11	12.6B	11.3B	10.2B	11.1B	41.7	243	129	60.1	51.0	40.9E	20.0 B	15.0B	11
12	12.5B	11.3B	10.2B	11.2B	46.4	261	124	61.0	48.9	38.8E	19.9 B	14.8B	12
13	12.5B	11.3B	10.2B	11.7B	52.6	225	115	59.6	48.1	37.6E	20.0 B	14.8B	13
14	12.4B	11.3B	10.2B	11.9B	60.9	282	108	58.6	48.2	36.6E	20.3 B	14.5B	14
15	12.4B	11.3B	10.2B	12.1B	68.3	196	96.9	59.9	46.0	35.2E	20.6 B	14.2B	15
16	12.4B	11.3B	10.2B	12.6B	80.7	210	92.5	59.1	46.4	34.6E	22.0 B	13.6B	16
17	12.3B	11.1B	10.2B	13.0B	86.2	176	88.0	66.0	47.3	33.9E	22.3 B	13.5B	17
18	12.3B	11.0B	10.1B	13.5E	83.9	187	83.5	79.0	45.6	33.1E	20.6 B	13.3B	18
19	12.3B	10.8B	10.1B	14.0E	75.3	206	79.2	77.6	44.2A	33.0E	17.5 B	13.0B	19
20	12.3B	10.8B	10.0B	14.6E	79.8	277	76.9	82.6	43.7E	33.2E	13.6 B	13.4B	20
21	12.2B	10.7B	10.0B	15.3E	107	252	82.1	82.3	43.3E	33.3E	9.22B	12.7B	21
22	12.2B	10.6B	10.0B	16.1E	103	231	111	76.1	42.5E	33.5E	11.1 B	12.6B	22
23	12.2B	10.6B	10.0B	16.0E	107	226	96.0	70.4	42.0E	34.3E	16.0 B	12.3B	23
24	12.1B	10.6B	10.1B	17.0E	110	211	85.4	65.7	41.5E	34.7E	19.3 B	12.2B	24
25	12.1B	10.6B	10.2B	18.0E	110	186	82.4	63.4	41.3E	33.3E	18.0 B	12.2B	25
26	12.1B	10.5B	10.3B	20.0E	103	183	84.7	61.3	43.5E	31.8A	18.7 B	12.1B	26
27	12.1B	10.4B	10.3B	21.1E	91.6	168	103	59.2	53.0E	30.1	18.3 B	12.1B	27
28	12.0B	10.4B	10.4B	22.2E	93.6	149	118	55.5	71.5E	29.6	18.0 B	12.1B	28
29	11.8B		10.4B	23.8E	144	137	104	55.3	64.2E	30.2	17.6 B	12.2B	29
30	11.8B		10.5B	25.6E	256	120	103	54.6	66.5E	30.6	17.2 B	12.3B	30
31	11.6B		10.5B		248		93.5	52.3		29.6		12.3B	31
TOTAL	384.6	309.6	316.7	428.7	2 582.1	6 450	3 755.1	2 006.1	1 510.6	1 180.8	616.02	435.4	TOTAL
MEAN	12.4	11.1	10.2	14.3	83.5	215	121	67.6	50.4	38.4	20.6	14.0	MEAN
MAX	13.3	11.7	10.5	25.6	256	367	216	87.5	71.5	54.2	28.4	17.3	MAX
MIN	11.6	10.4	10.0	10.5	27.5	120	76.9	52.3	41.3	29.6	9.22	12.1	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 55.1
MAXIMUM DAILY, 367 ON JUN 1
MINIMUM DAILY, 9.22B ON NOV 21
MAXIMUM INSTANTANEOUS,
404E AT 01:35 PST ON JUN 2

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 43 37 N
LONG 125 06 36 W
DRAINAGE AREA, 4 300 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	33 200	JUL	325 000
FEB	26 800	AUG	181 000
MAR	27 400	SEP	131 000
APR	37 100	OCT	103 000
MAY	224 000	NOV	53 300
JUN	556 000	DEC	37 600

TOTAL DISCHARGE, 1 740 000 dam³

ISKUT RIVER ABOVE FORREST KERR CREEK - STATION NO. 08CG007

DAILY WATER LEVEL IN METRES FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.770	0.353	0.306	0.343	1.636	7.034A	---	2.896	3.189	1.332	0.886	0.478	1
2	0.443	0.333	0.314	0.342	1.661	---	---	3.136	3.490	1.313	0.906	0.509	2
3	0.436	0.336	0.317	0.350	1.575	---	---	2.923	4.336	1.354	0.913	0.520	3
4	0.420	0.331	0.307	0.358	1.494	---	---	2.589	3.401	1.375	0.904	0.597	4
5	0.424	0.320	0.327	0.425	1.481	---	---	2.512	2.653	1.312	0.849	0.453	5
6	0.426	0.323	0.447	0.491	1.388	---	---	2.420	2.100	1.217	0.789	0.440	6
7	0.423	0.324	0.528	0.444	1.458	---	---	2.346	1.948	1.140	0.765	0.422	7
8	0.400	0.320	0.574	0.455	1.560	---	---	2.307	1.772	1.130	0.675	0.397	8
9	0.375	0.313	0.521	0.433	1.585	---	---	2.545	1.621	1.083	0.649	0.415	9
10	0.379A	0.310	0.395	0.421	1.634	---	---	2.753	1.635	1.049	0.670	0.479	10
11	---	0.310	0.328	0.413	1.718	---	---	2.457	1.616	1.088	0.671	0.515	11
12	---	0.317	0.319	0.401	1.789	---	---	2.382	1.630	1.074	---	0.572	12
13	---	0.324	0.318	0.382	1.906	---	---	3.122	1.631	1.044	---	0.532	13
14	---	0.325	0.325	0.405	2.083	---	---	2.090	1.604	0.984	---	0.538	14
15	---	0.468	0.327	0.437	2.338	---	---	2.381	1.482	0.921	---	0.537	15
16	---	0.881	0.329	0.488	2.384	---	---	2.300	1.311	0.915	---	0.485	16
17	---	1.201	0.331	0.641	2.048	---	---	2.436	1.237	0.917	---	0.489	17
18	---	0.987	0.360	0.524	1.768	---	---	1.972	1.165	0.848	---	0.523	18
19	---	1.063	0.354	0.524	1.595	---	---	2.123	1.153	1.027	---	0.555	19
20	---	0.600	0.349	0.585	2.377	---	---	1.893	1.193	1.152	---	0.667	20
21	0.386A	0.352	0.318	0.575	2.418	---	3.860A	1.970	1.406	1.181	---	0.628	21
22	0.418	0.322	0.322	0.644	2.018	---	3.310	2.145	1.720	1.184	0.484A	0.685	22
23	0.486	0.327	0.317	0.707	2.048	---	2.774	2.183	1.767	1.051	0.632	0.747	23
24	0.603	0.332	0.313	0.810	1.973	---	2.765	2.583	1.637	0.995	0.630	0.828	24
25	0.733	0.332	0.322	0.889	1.865	---	2.651	3.022	1.883	1.106	0.661	0.820	25
26	0.808	0.323	0.330	1.177	1.738	---	2.951	3.363	1.485	1.088	1.180	0.771	26
27	0.784	0.326	0.333	1.284	1.697	---	3.617	3.550	1.274	1.002	0.679	0.817A	27
28	0.695	0.318	0.335	1.432	1.813	---	3.320	3.300	1.167	0.877	0.625	---	28
29	0.511		0.336	1.586	2.212	---	3.184	3.175	1.132	1.050	0.493	---	29
30	0.423		0.344	1.625	5.643	---	3.092	2.852	1.136	1.105	0.457	---	30
31	0.377		0.367		7.605		4.320	3.121		0.983		---	31
MEAN	---	0.443	0.355	0.680	2.174	---	---	2.608	1.809	1.094	---	---	MEAN
MAX	---	1.201	0.574	1.625	7.605	---	---	3.896	4.336	1.375	---	---	MAX
MIN	---	0.310	0.306	0.343	1.388	---	---	1.893	1.124	0.915	---	---	MIN

SUMMARY FOR THE YEAR 1983

WATER LEVELS IN METRES

MAXIMUM DAILY, 7.605 ON MAY 31
MINIMUM DAILY, 0.306 ON MAR 1
MAXIMUM INSTANTANEOUS,
8.470 AT 05:15 PST ON MAY 31

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 44 30 N
LONG 130 38 50 W

A - MANUAL GAUGE

NATURAL FLOW

DRAINAGE AREA,
5 290 km²

ISKUT RIVER ABOVE SNIPPAKER CREEK - STATION NO. 08CG004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	31.80	32.30	30.3	32.2	220	1 180	780	785	851	218	140	48.80	1
2	31.60	32.40	30.6	32.1	239	1 300A	757	806	846	218	142	47.70	2
3	31.40	32.80	31.4	33.1	226	1 230	780	677	826	235	149	46.40	3
4	31.20	32.80	30.2	35.3	200	782	804	526	880	233	146	45.30	4
5	31.00	33.1	31.1	41.8	189	689	685	528	633	229	139	44.50	5
6	30.60	33.3	30.20	50.8	185	639	613	507	430	204	129	43.00	6
7	30.70	33.7	30.00	50.8	201	535	584	466	387	191	121	42.70	7
8	31.80	33.8	30.00	47.4	217	558	632	471	359	185	108	41.80	8
9	34.30	32.7	30.2	44.6	226	585	624	530	321	179	101	40.50	9
10	37.00	32.7	31.2	43.1	235	612	613	589	293	167	101	40.00	10
11	40.90	32.4	31.0	42.1	248	629	670	625	281	164	101	39.50	11
12	43.00	33.3	30.4	40.8	284	619	516	502	260	163	102	39.00	12
13	42.50	34.7	30.5	39.8	281	671	485	445	260	158	99.1	38.50	13
14	41.90	35.1	30.3	41.3	300	613	477	405	273	148	94.3	38.00	14
15	40.00	33.8	31.0	44.8	350	684	533	473	257	137	83.9	37.50	15
16	38.00	32.6	31.5	48.7	365	637	591	473	233	132	82.7	37.00	16
17	36.50	32.4	31.2	59.0	224	652	640	516	212	130	83.0	36.50	17
18	35.50	32.0	32.1	72.8	271	680	681	626	186	128	81.9	36.00	18
19	34.80	33.4	31.7	67.2	238	730	800	443	187	185	80.0	35.50	19
20	34.00	33.2	30.7	84.3	384	739	639	388	188	173	77.6	35.00	20
21	33.70	33.1	28.4	85.2	388	702	865	403	330	173	70.3	34.60	21
22	33.00	33.1	28.9	73.7	335	873	865	430	377	177	67.50	34.30	22
23	32.70	33.2	28.9	85.2	331	768	866	448	299	166	65.00	33.00	23
24	32.30	34.1	28.6	102	212	851	861	515	318	152	63.00	33.50	24
25	32.00	34.2	28.4	136	305	1 070	672	577	209	170	60.50	33.30	25
26	32.00	33.8	28.3	189	274	844	585	638	287	150	57.50	32.80	26
27	32.00	33.0	28.2	187	238	688	686	673	231	155	55.50	32.60	27
28	32.00	32.4	28.5	203	284	764	684	627	206	149	53.50	32.30	28
29	32.00		28.8	223	490	757	616	588	193	160	51.50	32.00	29
30	32.00		30.4	232	882	788	802	565	188	174	50.00	31.70	30
31	32.00		31.2		1 290		623	578		188		31.50	31
TOTAL	1 063.0	927.6	926.3	2 408.7	10 337	22 535	19 700	16 261	9 982	5 332	2 796.6	1 175.5	TOTAL
MEAN	34.3	33.1	30.3	80.3	333	751	635	525	333	172	93.2	38.0	MEAN
MAX	43.0	35.1	32.1	232	1 290	1 300	833	785	826	233	148	48.8	MAX
MIN	30.7	32.0	28.4	33.1	185	513	477	388	187	130	50.0	31.5	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 268
MAXIMUM DAILY, 1 300A ON JUN 2
MINIMUM DAILY, 28.4 ON MAR 24
MAXIMUM INSTANTANEOUS,
1 500 AT 23:10 PST ON JUN 2

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 41 55 N
LONG 130 52 22 W
DRAINAGE AREA, 7 230 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	91 800	JUL	1 700 000
FEB	80 200	AUG	1 400 000
MAR	81 200	SEP	862 000
APR	208 000	OCT	461 000
MAY	893 000	NOV	242 000
JUN	1 950 000	DEC	102 000

TOTAL DISCHARGE, 8 470 000 dam³

ISKUT RIVER AT OUTLET OF KINASKAN LAKE - STATION NO. 08CG003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.750	3.410	3.300	3.300	5.47	30.4	47.3	36.9	24.1	17.3	11.7	4.800	1
2	4.700	3.400	3.280	3.340	5.80	35.2	48.3	39.1	24.1	17.0	11.5	4.850	2
3	4.600	3.380	3.270	3.330	6.05	42.0	49.6	35.2	24.5	16.8	11.3	4.750	3
4	4.500	3.340	3.220	3.250	6.34	46.7	51.4	37.4	24.9	16.9	11.2	4.550	4
5	4.400	3.300	3.210	3.220	6.61	47.3	53.5	35.3	25.2	16.9	10.9	4.350	5
6	4.300	3.300	3.210	3.200	6.72	47.9	52.7	35.2	25.0	16.6	10.5	4.150	6
7	4.200	3.300	3.210	3.150	6.87	46.8	52.6	34.5	25.0	16.4	10.4	3.750	7
8	4.100	3.300	3.290	3.120	7.13	46.0	52.3	33.5	24.7	16.1	10.2	3.650	8
9	4.000	3.300	3.310	3.100	7.30	45.5	51.5	32.4	24.1	15.9	9.69	3.500	9
10	3.900	3.300	3.390	3.100	7.67	44.9	50.9	31.8	23.8	15.6	9.36	3.450	10
11	3.870	3.310	3.430	3.100	7.84	44.5	49.3	30.6	23.2	15.3	9.22	3.400	11
12	3.820	3.310	3.480	3.120	8.24	44.3	47.8	29.9	22.6	14.9	9.11	3.300	12
13	3.800	3.310	3.500	3.150	8.50	44.1	46.1	29.2	22.1	14.8	8.86	3.100	13
14	3.750	3.300	3.500	3.220	8.84	43.2	44.7	28.2	21.3	14.7	8.67	2.950	14
15	3.700	3.300	3.500	3.250	9.31	42.8	43.2	27.1	21.0	14.4	8.500	2.850	15
16	3.650	3.290	3.500	3.220	9.80	42.3	41.8	26.6	20.5	14.0	8.100	2.800	16
17	3.550	3.280	3.490	3.400	10.3	42.0	40.7	26.1	20.0	13.8	7.750	2.750	17
18	3.520	3.290	3.460	3.490	10.7	42.1	39.7	25.9	19.6	13.6	6.900	2.700	18
19	3.450	3.300	3.410	3.540	11.0	42.8	38.8	25.5	19.1	13.7	6.000	2.600	19
20	3.400	3.310	3.360	3.630	11.5	44.1	37.8	24.9	18.8	13.6	5.650	2.550	20
21	3.450	3.300	3.320	3.700	11.8	45.5	38.1	23.8	18.7	13.3	5.450	2.500	21
22	3.350	3.310	3.300	3.760	12.1	46.3	38.6	23.7	18.6	13.0	5.350	2.500	22
23	3.300	3.320	3.300	3.880	12.4	45.5	38.1	23.2	18.5	12.9	5.250	2.500	23
24	3.350	3.320	3.300	3.90	12.8	47.1	37.5	23.1	18.3	12.7	5.200	2.500	24
25	3.250	3.320	3.300	4.07	12.8	47.8	37.3	23.0	18.6	12.7	5.200	2.500	25
26	3.270	3.310	3.330	4.20	12.9	49.3	36.8	23.3	18.7	12.5	5.200	2.500	26
27	3.380	3.310	3.340	4.30	12.8	49.2	37.4	23.3	18.5	12.2	5.200	2.400	27
28	3.400	3.300	3.350	4.57	13.0	46.4	38.2	23.4	18.2	12.1	5.050	2.200	28
29	3.410		3.360	4.62	13.8	47.5	38.1	23.4	17.8	12.3	5.000	2.150	29
30	3.420		3.360	5.00	15.9	46.8	38.3	23.2	17.5	12.3	4.850	2.050	30
31	3.420		3.360		20.8		36.8	23.0		12.0		2.050	31
TOTAL	117.37	92.60	104.00	107.89	313.06	1 338.1	1 355.7	888.3	637.0	446.2	237.38	96.60	TOTAL
MEAN	3.79	3.31	3.36	3.60	10.1	44.6	43.7	28.7	21.2	14.4	7.91	3.12	MEAN
MAX	4.75	3.41	3.50	5.00	20.8	49.3	53.7	39.1	25.2	17.3	11.7	4.85	MAX
MIN	3.25	3.28	3.21	3.10	5.47	30.4	36.8	23.0	17.5	12.0	4.85	2.05	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 15.7
MAXIMUM DAILY, 53.7 ON JUL 5
MINIMUM DAILY, 2.050 ON DEC 30
MAXIMUM INSTANTANEOUS,
53.3 AT 21:57 PST ON JUL 5

TYPE OF GAUGE - RECORDING
LOCATION - LAT 57 22 00 N
LONG 130 12 28 W
DRAINAGE AREA, 1 350 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	10 100	JUL	117 000
FEB	8 020	AUG	76 700
MAR	8 990	SEP	55 000
APR	9 320	OCT	38 600
MAY	27 100	NOV	20 500
JUN	115 000	DEC	8 350

TOTAL DISCHARGE, 495 000 dam³

ISKUT RIVER BELOW JOHNSON RIVER - STATION NO. 08CG001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	55.20	55.50	65.00	58.3	401	1 500E	1 070	1 270	1 050	322	242	78.80	1
2	54.50	55.30	63.50	70.2	424	1 500A	1 070	881	1 100	346	237	76.80	2
3	54.90	56.70	62.00	73.4	434	1 520	1 070	822	1 420	375	247	74.40	3
4	54.30	58.10	61.00	80.4	400	1 000	1 100	835	1 350	388	258	72.20	4
5	54.00	57.50	59.70	95.6	387	832	990	815	1 100	365	245	70.00	5
6	54.00	57.20	58.70	124	368	705	827	788	766	319	230	68.70	6
7	56.00	58.90	57.70	133	389	710	855	784	630	288	204	67.40	7
8	58.50	56.60	57.00	112	383	766	857	683	544	282	187	66.10	8
9	65.00	56.30	56.00	103	395	658	899	781	466	262	168	64.80	9
10	78.00	56.00	55.50	97.3	389	666	1 080	906	412	240	160	63.50	10
11	93.00	56.00	55.20	93.3	415	690	990	843	384	226	159	62.50	11
12	91.00	56.30	55.00	90.5	439	721	837	811	406	227	168	61.50	12
13	87.00	[illegible]	55.50	89.7	468	875	775	868	422	219	151	60.50	13
14	82.00	[illegible]	55.80	92.0	522	761	750	863	425	207	143	59.50	14
15	79.00	56.00	56.00	97.1	575	887	815	839	415	184	138	58.50	15
16	77.00	65.00	59.50	105	600A	1 010	920	886	350	178	136	57.80	16
17	75.00	64.00	61.00	133	650E	986	1 010	919	310	173	135	57.10	17
18	74.00	63.00	62.50	161	600E	1 010	1 000	783	270	190	133	56.40	18
19	74.00	61.00	63.50	182	435E	1 130	1 120	882	264	232	128	55.70	19
20	73.00	60.00	64.00	161	390E	1 180	1 080	715	306	276	119	55.00	20
21	72.70	58.00	63.00	138	390E	1 050	1 050	715	379	261	114 B	54.50	21
22	72.50	58.00	61.00	167	410E	1 010	1 030	777	477	329	108 B	54.00	22
23	71.00	59.50	60.00	190	500E	1 110	915	811	546	288	104 B	53.50	23
24	70.00	61.00	59.0	183	540E	1 200	905	1 030	640	284	100 B	53.00	24
25	68.00	63.00	58.2	320	550E	1 310	880	1 150	583	336	95.00	52.50	25
26	66.50	59.00	58.5	270	400E	1 300	921	1 300	487	312	92.50	52.00	26
27	65.00	58.00	57.1	310	500E	1 250	1 000	1 400	308	288	89.00	51.50	27
28	63.50	58.00	58.0	351	600E	1 120	1 080	1 350	321	253	87.00	51.00	28
29	62.50		59.0	375	1 200E	1 180	1 000	1 130	303	288	84.00	50.50	29
30	61.50		61.1	384	1 400E	1 080	974	985	308	327	81.00	50.00	30
31	60.50		60.0		1 480E		1 220	1 060		279		49.70	31
TOTAL	2 122.5	1 691.2	1 841.5	4 878.9	17 020	31 770	30 422	28 414	15 805	8 504	4 526.0	1 860.2	TOTAL
MEAN	68.5	60.4	59.4	158	565	1 060	981	917	560	276	151	60.0	MEAN
MAX	93.0	65.0	65.0	384	1 480	1 520	1 220	1 400	1 420	388	258	78.8	MAX
MIN	54.0	55.0	55.0	58.3	368	705	750	683	264	173	81.0	49.7	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 412
MAXIMUM DAILY, 1 520 ON JUN 3
MINIMUM DAILY, 49.70 ON DEC 31
MAXIMUM INSTANTANEOUS,
1 680 AT 04:30 PST ON JUN 3

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 44 30 N
LONG 131 40 25 W
DRAINAGE AREA, 5 350 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	182 000	JUL	2 630 000
FEB	146 000	AUG	2 450 000
MAR	159 000	SEP	1 450 000
APR	404 000	OCT	740 000
MAY	1 510 000	NOV	392 000
JUN	2 750 000	DEC	161 000

TOTAL DISCHARGE, 13 000 000 dam³

JOE RICH CREEK NEAR RUTLAND - STATION NO. 08NM129

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.075	0.071	0.144	0.300	1.52	1.03	0.304E	0.192	0.177	0.099	0.097	0.0788	1
2	0.077	0.071	0.144	0.300	1.21	0.884	0.312	0.192	0.213	0.099	0.101	0.0748	2
3	0.076	0.071	0.166	0.300	1.52	0.843	0.296	0.192	0.192	0.099	0.104	0.0778	3
4	0.076	0.077	0.168E	0.283	1.60	0.882	0.280	0.192	0.177	0.099	0.108	0.0748	4
5	0.077	0.084	0.161	0.283	2.00	0.851	0.272	0.193	0.164	0.103	0.103	0.0778	5
6	0.077	0.085	0.161	0.282	1.84	0.860	0.272	0.177	0.163	0.101	0.108	0.0758	6
7	0.076	0.085	0.163E	0.282	1.64	0.502	0.280	0.177	0.192	0.102	0.104	0.0748	7
8	0.076	0.085	0.165	0.282	1.21	0.475	0.265	0.184	0.124	0.101	0.104	0.0758	8
9	0.074	0.085	0.300	0.282	1.21	0.448	0.320	0.184	0.130	0.101	0.104	0.0778	9
10	0.076E	0.085	0.358	0.282	1.13 E	0.400	0.280	0.163	0.165	0.102	0.102	0.0808	10
11	0.075	0.078E	0.358	0.282	1.11	0.400	0.280	0.208	0.167	0.099	0.102	0.085	11
12	0.072	0.085E	0.358	0.282	1.11	0.400	0.288	0.192	0.137	0.100	0.104	0.081	12
13	0.072	0.199	0.336	0.282	1.11	0.380	0.280	0.192	0.128	0.094	0.099	0.080	13
14	0.072	0.089	0.300	0.282	0.884	0.352	0.280	0.184	0.128	0.100	0.104	0.083	14
15	0.072	0.085	0.293	0.311	1.22	0.380	0.268	0.184	0.120	0.097	0.112	0.081	15
16	0.072	0.084	0.300	0.300	1.11	0.400	0.268	0.177	0.120	0.094	0.120	0.0848	16
17	0.072	0.141	0.300	0.300	1.11	0.400	0.272	0.170	0.118	0.097	0.128	0.0788	17
18	0.072	0.185	0.300	0.307	1.11	0.380	0.272	0.163	0.120	0.099	0.120	0.0748	18
19	0.072	0.089	0.300	0.307	1.11	0.320	0.272	0.163	0.114	0.101	0.124	0.0708	19
20	0.072	0.113	0.300	0.289	1.11	0.340	0.235	0.163	0.112	0.103	0.108	0.0808	20
21	0.072	0.113	0.288	0.307	1.19	0.300	0.265	0.155	0.110	0.101	0.116	0.0848	21
22	0.072	0.137	0.282	0.314	1.31	0.280	0.235	0.155	0.108	0.106	0.106	0.0838	22
23	0.071E	0.144	0.285	0.318	1.31	0.280	0.235	0.163	0.106	0.105	0.104	0.060	23
24	0.069	0.147	0.285	0.510E	1.39	0.336	0.242	0.163	0.103	0.094	0.104	0.0808	24
25	0.069	0.148	0.285	2.09	1.31	0.280	0.226	0.163	0.103	0.097	0.108	0.080	25
26	0.072	0.148	0.258	1.78	1.31	0.280	0.235	0.235	0.099	0.097	0.104	0.082	26
27	0.069	0.144	0.285	1.66	1.31	0.280	0.235	0.155	0.101	0.093	0.104	0.080	27
28	0.069	0.144	0.285	1.21	1.23	0.272	0.195	0.155	0.099	0.093	0.104	0.0838	28
29	0.069E		0.285	1.31 E	1.19	0.288	0.206	0.145	0.099	0.091	0.104	0.0838	29
30	0.069		0.285	1.42 E	1.19	0.298	0.199	0.155	0.101	0.091	0.094	0.085	30
31	0.074		0.248		1.19		0.195E	0.155		0.103		0.087	31
TOTAL	2.333	2.983	7.985	16.700	39.604	13.050	8.106	5.484	3.996	3.082	3.168	2.270	TOTAL
MEAN	0.075	0.106	0.258	0.550	1.28	0.435	0.261	0.176	0.133	0.099	0.106	0.073	MEAN
MAX	0.080	0.199	0.358	2.09	2.00	1.03	0.320	0.235	0.213	0.106	0.128	0.083	MAX
MIN	0.069	0.084	0.144	0.282	0.884	0.272	0.195	0.145	0.099	0.081	0.094	0.060	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.299
MAXIMUM DAILY, 2.09 ON APR 25
MINIMUM DAILY, 0.060 ON DEC 23

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 51 36 N
LONG 119 07 51 W
DRAINAGE AREA, 44.8 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	202	JUL	700
FEB	256	AUG	470
MAR	690	SEP	345
APR	1 450	OCT	265
MAY	3 440	NOV	276
JUN	1 130	DEC	196

TOTAL DISCHARGE, 9 420 dam³

JORDAN RIVER ABOVE KIRKUP CREEK - STATION NO. 08ND014

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.530	2.19	3.08	5.14	28.6	81.2	40.9	33.5	15.9	4.78	28.8	4.88	1
2	2.560	2.12	2.87	5.34	28.2	80.3	41.0	32.9	26.3	4.83	20.1	5.08	2
3	2.610	2.11	2.83	5.29	29.9	73.6	39.3	27.5	26.4	4.47	28.1	4.88	3
4	2.630	2.06	2.71	5.39	29.0	82.7	39.2	22.6	17.6	4.75	37.6	4.74	4
5	2.558	2.07	2.66	5.65	29.6	98.1	40.2	21.8	13.9	4.64	22.9	4.84	5
6	2.488	2.068	2.67	5.85	32.3	86.6	42.9	21.4	12.2	4.30	19.0	4.50	6
7	2.408	2.038	2.70	7.15	34.5	87.5	39.3	19.0	11.1	4.19	15.9	4.37	7
8	2.338	2.018	2.84	7.42	31.9	84.2	38.6	20.1	9.42	4.08	14.0	4.88	8
9	2.418	2.008	4.82	8.01	27.6	58.6	37.6	21.6	8.44	3.96	12.5	4.60	9
10	2.438	1.958	6.04	6.33	26.6	64.3	32.5	23.2	8.34	3.84	11.5	4.36	10
11	2.558	1.88	7.85	8.01	25.1	48.1	109	24.0	10.1	3.74	11.3	4.17	11
12	2.518	2.48	6.69	5.70	27.6	41.9	219	22.2	9.81	3.87	10.8	4.08	12
13	2.488	2.90	6.06	6.63	30.5	40.3	136	18.0	9.73	3.85	10.6	4.09	13
14	2.428	3.19	5.89	5.59	32.3	45.6	92.1	16.1	11.9	3.56	10.4	4.03	14
15	2.388	2.99	5.67	6.07	33.0	63.5	65.8	15.6	9.77	3.57	12.2	3.89	15
16	2.488	2.73	5.24	7.01	38.0	80.1	42.0	13.8	10.2	3.43	13.0	3.77	16
17	2.438	2.75	5.04	6.97	35.6	90.6	38.2	13.0	9.53	3.44	13.6	3.23	17
18	2.50	3.02	4.76	11.3	37.6	72.1	34.1	13.0	8.39	3.42	12.6	3.108	18
19	2.40	2.70	4.48	14.4	34.5	51.0	34.8	11.5	7.47	3.02	11.3	2.938	19
20	2.35	2.93	4.23	18.4	30.4	48.3	38.5	10.6	6.87	4.06	10.1	2.828	20
21	2.36	2.88	4.09	19.6	44.4	35.4	37.1	9.86	6.58	4.69	9.13	2.708	21
22	2.31	2.76	3.90	19.7	47.4	32.7	30.9	9.39	6.37	13.0	8.29	2.738	22
23	2.20	2.76	3.81	21.0	68.7	36.6	31.6	9.46	6.22	6.91	7.78	2.708	23
24	2.47	3.00	3.84	25.9	65.4	42.4	32.0	9.07	6.32	7.16	7.52	2.728	24
25	2.32	3.35	3.82	30.0	73.4	36.0	30.7	10.0	6.36	7.47	7.16	2.808	25
26	2.31	3.41	3.79	34.3	84.4	30.8	40.8	9.85	6.88	8.04	6.72	3.008	26
27	2.31	3.33	3.88	21.5	83.0	33.6	26.4	9.39	7.72	10.6	6.86	3.258	27
28	2.33	3.20	4.02	20.6	63.6	42.6	20.3	11.2	6.09	9.31	6.23	3.508	28
29	2.39		4.28	21.4	100	40.3	26.0	11.7	5.67	8.25	5.63	3.758	29
30	2.25		4.74	25.0	113	57.8	26.6	11.9	5.99	16.6	5.46	3.988	30
31	2.21		4.83		101		28.1	12.1		54.2		4.288	31
TOTAL	74.75	72.72	135.56	375.85	1 442.1	1 602.0	1 525.4	518.47	308.16	228.05	399.30	118.83	TOTAL
MEAN	2.41	2.60	4.37	12.5	46.5	53.4	49.2	16.7	10.3	7.36	13.3	3.83	MEAN
MAX	2.63	3.41	7.85	30.0	113	91.3	219	33.5	26.4	54.2	37.6	5.08	MAX
MIN	2.21	1.88	2.67	5.14	25.9	30.8	25.6	9.39	5.99	3.42	5.46	2.70	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 18.6
MAXIMUM DAILY, 219 ON JUL 12
MINIMUM DAILY, 1.88 ON FEB 11
MAXIMUM INSTANTANEOUS,
378 AT 01:28 PST ON JUL 13

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 02 50 N
LONG 116 16 00 W
DRAINAGE AREA, 272 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	6 480	JUL	132 000
FEB	6 380	AUG	44 800
MAR	11 700	SEP	26 600
APR	32 800	OCT	19 700
MAY	125 000	NOV	34 300
JUN	138 000	DEC	10 200

TOTAL DISCHARGE, 587 000 dam³

JUMP CREEK AT THE MOUTH - STATION NO. 08HD041

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.81	6.32	6.88	2.95	2.99	2.37	1.14	0.805	1.82	1.28	1.78	4.31	1
2	5.98	6.24	6.81	5.04	2.95	2.07	1.19	0.774	1.76	1.23	2.65	4.12	2
3	6.13	6.98	6.40	5.25	2.74	1.78	1.10	0.757	1.76	1.26	4.25	4.08	3
4	6.42	6.85	6.35	4.55	2.56	1.69	1.03	0.793	1.76	1.29	3.88	4.05E	4
5	6.84	6.76	6.26	3.81	2.34	1.46	0.885	1.18	1.72	1.30	7.33	3.98E	5
6	6.45	6.75	5.25	3.45	2.17	1.36	0.928	1.58	1.72	1.25	14.1	3.92E	6
7	6.57	6.24	5.40	3.20	2.59	1.37	0.814	1.57	1.59	1.25	13.4	3.90E	7
8	15.2	6.87	6.41	2.81	2.90	1.48	0.804	1.59	1.40	1.24	8.85	4.05E	8
9	17.4	6.84	28.5	2.66	2.69	1.65	0.878	1.57	1.36	1.21	8.53	4.00E	9
10	28.4	6.00	24.1	2.59	2.36	3.03	0.850	1.57	1.43	1.22	11.3	4.05E	10
11	23.5	32.4	18.5	2.30	2.17	2.93	2.95	1.56	1.40	1.24	33.3	4.91E	11
12	18.7	53.1	12.8	2.04	2.09	2.56	13.4	1.30	1.40	1.23	28.6	5.20E	12
13	14.8	34.9	14.1	1.75	2.15	2.09	10.1	1.02	1.39	1.20	22.0	5.95A	13
14	19.1	22.2	22.1	1.57	2.38	1.77	6.70	0.883	1.22	1.19	21.7	5.11	14
15	7.64	17.3	16.4	1.41	2.58	1.63	4.85	1.01	1.28	1.19	69.2	4.88	15
16	8.51	17.1	10.4	1.35	2.40	1.50	3.56	1.01	1.28	1.21	83.1	4.51	16
17	8.45	24.8	7.04	1.35	2.26	1.50	2.80	1.02	1.29	1.22	60.8	4.32	17
18	7.61	27.2	6.86	1.51	2.21	1.61	2.31	1.02	1.32	1.20	29.3	4.25	18
19	10.0	18.8	6.34	1.68	2.25	1.87	1.87	1.02	1.33	1.20	17.3	4.23	19
20	9.31	21.6	6.31	2.15	2.48	1.87	1.72	1.03	1.31	1.21	12.2	4.18	20
21	7.61	14.0	6.31	2.22	2.82	1.49	1.51	1.01	1.30	1.28	8.37	4.10	21
22	6.72	13.3	6.34	2.17	2.77	1.38	1.32	1.00	1.30	1.64	6.02	4.10	22
23	6.42	26.3	3.68	2.05	2.61	1.38	1.18	1.00	1.25	1.80	5.10	4.11	23
24	6.84	22.4	2.39	2.58	2.58	1.39	1.05	1.01	1.30	1.94	5.73	4.03	24
25	8.81	14.3	2.35	3.01	2.94	1.37	0.984	0.999	1.33	1.84	5.59	4.00	25
26	20.6	10.1	2.35	2.83	2.67	1.43	0.887	1.01	1.32	1.49	5.91	3.98	26
27	20.6	7.82	2.38	2.68	2.42	1.38	0.936	0.992	1.30	1.46	7.68	3.91	27
28	13.8	6.37	2.43	2.38	2.44	1.34	1.02	1.04	1.29	1.44	6.83	3.92	28
29	9.42		2.76	2.36	2.92	1.26	0.988	1.42	1.27	1.40	5.85	3.87	29
30	7.27		3.37	2.84	3.15	1.15	0.901	1.85	1.27	1.85	4.84	4.01	30
31	6.58		2.79		2.75		0.880	1.80		1.72		3.98	31
TOTAL	338.40	438.74	251.17	78.78	78.83	51.18	72.708	38.283	42.67	41.38	473.87	133.08	TOTAL
MEAN	10.9	15.7	8.10	2.83	2.86	1.71	2.35	1.17	1.82	1.33	15.8	4.29	MEAN
MAX	28.4	53.1	28.5	5.25	3.15	3.03	13.4	1.85	1.82	1.72	83.2	5.95	MAX
MIN	5.81	6.07	2.35	1.35	2.09	1.15	0.880	0.783	1.35	1.19	1.78	3.87	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.58
MAXIMUM DAILY, 83.2 ON NOV 15
MINIMUM DAILY, 0.783 ON AUG 4
MAXIMUM INSTANTANEOUS,
83.8 AT 19:00 PST ON NOV 15

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 02 12 N
LONG 124 08 55 W
DRAINAGE AREA, 82.2 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED SINCE 1974

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	29 190	JUL	8 280
FEB	38 000	AUG	3 130
MAR	21 700	SEP	3 680
APR	6 810	OCT	3 580
MAY	6 810	NOV	40 900
JUN	4 430	DEC	11 500

TOTAL DISCHARGE, 176 000 dam³

KALAMALKA LAKE AT VERNON PUMPHOUSE - STATION NO. 08NM163

DAILY WATER LEVEL IN METRES FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.384E	0.274A	0.318A	0.404A	0.820A	0.898A	0.728A	0.554A	0.504	0.388	0.405	0.449	1
2	0.382E	0.280A	0.318A	0.408A	0.838A	0.892A	0.718A	0.550A	0.514	0.386	0.414	0.449	2
3	0.380A	0.284A	0.320A	0.411A	0.848A	0.886A	0.708A	0.546A	0.509	0.384	0.420	0.447	3
4	0.382A	0.282A	0.324A	0.416A	0.868A	0.878A	0.698A	0.538A	0.509	0.381	0.422	0.444	4
5	0.386A	0.268A	0.340A	0.418A	0.886A	0.867A	0.686A	0.528	0.512	0.378	0.419	0.444	5
6	0.382A	0.258A	0.336A	0.418A	0.902A	0.858A	0.674A	0.521	0.511	0.377	0.423	0.440	6
7	0.380A	0.268A	0.361A	0.417A	0.728A	0.848A	0.668A	0.511	0.498	0.378	0.421	0.441	7
8	0.382A	0.280A	0.361A	0.418A	0.784A	0.836A	0.664A	0.506	0.490	0.377	0.419	0.441	8
9	0.384E	0.287A	0.373A	0.419A	0.792A	0.830A	0.662A	0.502	0.484	0.377	0.417	0.438	9
10	0.388A	0.288A	0.361A	0.420A	0.800A	0.814A	0.664A	0.500	0.487	0.378	0.418	0.437	10
11	0.388A	0.288A	0.387A	0.424A	0.628A	0.808A	0.882A	0.514	0.485	0.374	0.424	0.435	11
12	0.388A	0.288A	0.388A	0.428A	0.648A	0.808A	0.854A	0.515	0.481	0.373	0.431	0.434	12
13	0.388E	0.288A	0.388A	0.428A	0.668A	0.878A	0.840A	0.508	0.478	0.372	0.423	0.431	13
14	0.388A	0.287A	0.381A	0.430A	0.684A	0.868A	0.834A	0.508	0.477	0.374	0.426	0.427	14
15	0.384A	0.287A	0.385A	0.430A	0.908A	0.882A	0.830A	0.500	0.474	0.378	0.435	0.422	15
16	0.318A	0.284A	0.382A	0.428A	0.924A	0.854A	0.828A	0.498	0.472	0.378	0.435	0.417	15
17	0.300A	0.284A	0.384A	0.428A	0.938A	0.838A	0.818A	0.497	0.468	0.383	0.437	0.411	17
18	0.320A	0.284A	0.386A	0.428A	0.948A	0.832A	0.808A	0.496	0.464	0.387	0.439	0.407	15
19	0.300A	0.288A	0.387A	0.430A	0.988A	0.813A	0.686A	0.493	0.448	0.388	0.438	0.402	19
20	0.287A	0.288A	0.388A	0.428A	0.974A	0.810A	0.580A	0.490	0.445	0.392	0.437	0.398	20
21	0.288A	0.288A	0.390A	0.434A	0.982A	0.788A	0.578A	0.484	0.441	0.392	0.438	0.391	21
22	0.288A	0.288A	0.388A	0.884A	0.990A	0.786A	0.588A	0.482	0.438	0.397	0.435	0.404A	22
23	0.288A	0.277A	0.388A	0.458A	1.004A	0.784A	0.572A	0.482	0.436	0.394	0.437	0.375A	23
24	0.284A	0.278A	0.387A	0.484A	1.010A	0.780A	0.588A	0.482	0.432	0.392	0.443	0.369A	24
25	0.280A	0.278A	0.387A	0.488A	1.014A	0.788A	0.584A	0.484	0.428	0.388	0.447	0.380A	25
26	0.308A	0.304A	0.387A	0.528A	1.018A	0.774A	0.580A	0.484	0.427	0.393	0.449	0.388A	26
27	0.283A	0.303A	0.384A	0.552A	1.016A	0.764A	0.588A	0.484	0.430	0.393	0.457	0.388A	27
28	0.304A	0.303A	0.388A	0.552A	1.018A	0.764A	0.584A	0.485	0.409	0.391	0.458	0.388A	28
29	0.294A		0.388A	0.572A	1.016A	0.768A	0.588A	0.489	0.402	0.393	0.455	0.388A	29
30	0.288A		0.388A	0.588A	1.012A	0.738A	0.586A	0.492	0.394	0.394	0.449	0.388A	30
31	0.282A		0.402A		1.008A		0.588A	0.495		0.400		0.385A	31
MEAN	0.321	0.281	0.373	0.452	0.877	0.802	0.822	0.504	0.484	0.385	0.432	0.409	MEAN
MAX	0.388	0.304	0.402	0.588	1.018	0.898	0.728	0.554	0.514	0.400	0.457	0.449	MAX
MIN	0.282	0.234	0.318	0.404	0.820	0.738	0.552	0.482	0.394	0.372	0.405	0.359	MIN

SUMMARY FOR THE YEAR 1983

WATER LEVELS IN METRES

MEAN, 0.498
MAXIMUM DAILY, 1.018A ON MAY 30
MINIMUM DAILY, 0.234A ON FEB 16

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 13 47 N
LONG 119 16 25 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED SINCE 1907

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 301.122 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

KAMLOOPS LAKE NEAR KAMLOOPS - STATION NO. 08LF065

DAILY WATER LEVEL IN METRES FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.147	-0.003	0.235	0.808	2.800	5.410	4.270E	3.680E	2.365E	1.108	1.121	1.044	1
2	0.132	-0.010	0.274	0.827	2.685	5.659	4.340E	3.640E	2.370E	1.068	1.352	1.000	2
3	0.122	-0.017	0.303	0.842	2.730	5.756	4.400E	3.600E	2.390E	1.029	1.586	0.948	3
4	0.123	-0.018	0.321	0.852	2.810	5.787	4.320E	3.680E	2.420E	0.982	1.701	0.894	4
5	0.142	-0.025	0.326	0.875	2.883	5.656	4.310E	3.520E	2.600E	0.953	1.733	0.844	5
6	0.155	-0.057	0.326	0.881	2.953	5.461	4.270E	3.420E	2.460E	0.925	1.762	0.814	6
7	0.160	-0.094	0.329	0.906	3.014	5.314	4.220E	3.320E	2.380E	0.901	1.780	0.781	7
8	0.170	-0.107	0.337	0.921	3.105	5.174	4.190E	3.240E	2.240E	0.857	1.718	0.753	8
9	0.185	-0.101	0.337	0.931	3.212	5.092	4.080E	3.180E	2.140E	0.843	1.648	0.725	9
10	0.188	-0.081	0.337	0.956	3.356	5.032	4.020E	3.110E	2.160E	0.807	1.575	0.710	10
11	0.171	-0.084	0.368	0.976	3.225	5.009	4.000E	3.180E	2.000E	0.768	1.514	0.682	11
12	0.176	-0.082	0.407	0.993	3.173	5.026	3.950E	3.200E	1.840E	0.729	1.447	0.665	12
13	0.177	-0.080	0.469	0.997	3.117	5.066	4.020E	3.210E	1.738A	0.705	1.397	0.664	13
14	0.178	-0.073	0.546	0.971	3.080	4.903A	4.400E	3.080E	1.675	0.676	1.356	0.657	14
15	0.157	-0.065	0.607	0.981	3.073	4.715A	4.600E	3.040E	1.620	0.650	1.310	0.652	15
16	0.152	-0.039	0.653	0.981	3.089	4.607A	5.320E	2.980E	1.663	0.621	1.286	0.621	16
17	0.129	-0.032	0.691	0.980	3.138	4.570A	5.340E	2.860E	1.665	0.581	1.272	0.600	17
18	0.097	-0.015	0.721	0.973	3.221	4.606A	4.920E	2.800E	1.570	0.561	1.313	0.551	18
19	0.084	-0.012	0.743	0.993	3.322	4.789A	4.840E	2.740E	1.600	0.523	1.364	0.466	19
20	0.068	-0.003	0.752	1.034	3.389	4.840A	4.440E	2.660E	1.565	0.507	1.385	0.381	20
21	0.068	0.007	0.766	1.185	3.420	4.900E	4.300E	2.580E	1.538	0.479	1.286	0.257	21
22	0.062	0.016	0.769	1.237	3.481	4.820E	4.200E	2.530E	1.476	0.482	1.371	0.193	22
23	0.070	0.025	0.770	1.426	3.594	4.740E	4.120E	2.500E	1.418	0.482	1.331	0.129	23
24	0.056	0.039	0.763	1.647	3.715	4.820E	4.080E	2.440E	1.387	0.522	1.278	0.094	24
25	0.037	0.052	0.746	1.633	3.887	4.520E	4.040E	2.400E	1.316	0.589	1.245	0.077	25
26	0.025	0.074	0.742	2.057	4.065	4.525E	4.000E	2.390E	1.264	0.647	1.209	0.080	26
27	0.024	0.125	0.765	2.276	4.257	4.450E	4.080E	2.370E	1.231	0.655	1.184	0.085	27
28	0.018	0.183	0.757	2.424	4.388	4.380E	4.080E	2.360E	1.200	0.663	1.180	0.101	28
29	0.014		0.771	2.489	4.521	4.320E	3.990E	2.360E	1.180	0.827	1.128	0.112	29
30	0.011		0.784	2.542	4.761	4.240E	3.840E	2.361E	1.153	0.998	1.092	0.127	30
31	0.006		0.787		5.077		3.780E	2.392E		1.071		0.140	31
MEAN	0.108	-0.018	0.564	1.256	3.427	4.937	4.284	2.928	1.761	0.751	1.401	0.511	MEAN
MAX	0.178	0.183	0.787	2.542	5.077	5.787	5.340	3.680	2.600	1.108	1.782	1.044	MAX
MIN	0.006	-0.107	0.235	0.808	2.800	4.240	3.780	2.360	1.153	0.479	1.092	0.077	MIN

SUMMARY FOR THE YEAR 1983

WATER LEVELS IN METRES

MEAN, 1.837
MAXIMUM DAILY, 5.787 ON JUN 4
MINIMUM DAILY, -0.107 ON FEB 8
MAXIMUM INSTANTANEOUS,
5.817 AT 01:00 PST ON JUN 4

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 42 28 N
LONG 120 32 03 W

A - MANUAL GAUGE

E - ESTIMATED

NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 330.179 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

KANAKA CREEK NEAR WEBSTER CORNERS - STATION NO. 08MH076

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.17	1.45	1.91	3.45	1.07	0.380	0.723	0.262	11.7	0.237	4.50	1.55	1
2	2.17	1.26	1.62	4.70	0.931	1.85	5.27	0.264	10.2	0.225	7.82	1.32	2
3	5.05	1.13	1.43	3.32	0.884	1.05	1.63	0.289	2.47	0.619	9.61	1.15	3
4	8.72	1.02	1.27	2.21	0.709	0.928	1.06	0.250	1.48	1.43	8.41	1.02	4
5	13.0	0.618	1.21	1.66	0.741	0.677	0.781	0.212	1.14	0.576	4.65	0.961	5
6	8.53	1.09	1.37	1.37	1.25	0.482	0.664	0.188	1.21	0.438	5.05	0.870	6
7	28.6	1.47	1.06	1.16	2.27	0.365	0.693	0.174	2.18	0.400	12.7	0.781	7
8	17.0	1.27	2.55	1.01	6.38	0.337	0.602	0.155	1.59	0.337	6.09	2.15	8
9	16.6	2.42	8.93	1.08	3.80	0.413	0.656	0.152	0.674	0.307	3.76	2.12	9
10	39.5	2.61	6.10	1.95	2.38	1.15	0.664	0.161	2.34	0.263	2.95	1.73	10
11	8.50	6.06	3.57	1.39	1.07	0.622	24.6	0.202	3.74	0.286	7.64	1.82	11
12	10.1	11.0	2.96	1.13	1.38	0.618	27.5	0.273	3.00	0.268	4.18	2.19	12
13	4.12	9.27	3.82	1.05	1.13	0.338	22.6	0.266	1.12	0.262	6.10	4.21	13
14	2.67	4.85	3.21	0.980	1.10	0.324	10.7	0.162	0.700	0.225	13.4	3.78	14
15	2.06	4.08	3.50	0.971	1.07	1.60	5.93	0.139	0.622	0.234	31.6	2.53	15
16	1.75	5.17	1.89	0.884	0.935	0.934	3.50	0.134	0.555	0.223	23.5	1.78	16
17	1.83	10.2	1.51	0.905	0.881	5.48	2.05	0.115	0.559	0.628	16.1	1.37	17
18	2.31	6.64	1.29	0.867	1.67	4.84	1.28	0.112	0.580	0.645	10.9	1.13	18
19	2.36	6.37	1.13	0.793	1.10	3.38	1.00	0.102	0.428	0.441	5.87	0.9700B	19
20	2.06	10.4	0.895	0.676	0.858	2.60	0.630	0.099	0.361	1.24	5.17	0.6360B	20
21	1.01	4.63	0.962	1.12	0.784	2.15	0.712	0.088	0.326	2.01	2.98	0.4310B	21
22	1.56	7.45	1.24	0.614	0.687	1.34	0.600	0.103	0.300	7.00	2.30	0.3670B	22
23	1.67	6.13	1.13	0.716	0.643	1.67	0.463	0.110	0.278	1.98	2.06	0.3060B	23
24	2.38	5.74	0.972	4.61	0.582	1.18	0.384	0.131	0.286	1.24	6.94	0.2780B	24
25	3.07	5.22	0.815	5.65	0.614	1.12	0.376	0.127	0.264	1.26	8.96	0.2420B	25
26	2.38	3.42	0.716	7.70	0.482	0.838	0.596	0.117	0.271	0.996	7.47	0.2220B	26
27	2.76	3.13	0.684	2.68	0.466	0.781	0.666	0.122	0.666	3.43	3.90	0.1960B	27
28	2.46	2.37	0.904	1.61	0.395	0.586	0.681	0.161	0.637	1.84	4.48	0.1920B	28
29	1.79		2.06	1.44	0.375	0.565	0.483	0.204	0.336	1.10	2.69	0.2000B	29
30	1.84		2.82	1.31	0.345	0.500	0.384	0.232	0.272	8.33	1.97	0.5000B	30
31	1.78		3.17		0.331		0.310	0.276		9.66		3.04 B	31
TOTAL	198.75	132.980	68.490	50.858	38.789	40.295	120.271	5.677	49.424	47.076	237.85	38.929	TOTAL
MEAN	6.41	4.75	2.21	1.07	1.25	1.34	3.88	0.180	1.65	1.54	7.93	1.26	MEAN
MAX	39.5	11.0	8.93	7.70	6.38	5.48	27.5	0.332	11.7	9.66	31.6	4.21	MAX
MIN	1.17	0.618	0.684	0.716	0.331	0.324	0.310	0.088	0.264	0.223	1.97	0.193	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.65
MAXIMUM DAILY, 39.5 ON JAN 10
MINIMUM DAILY, 0.088 ON AUG 21
MAXIMUM INSTANTANEOUS,
68.6 AT 01:35 PST ON JUL 12

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 12 35 N
LONG 122 32 05 W
DRAINAGE AREA, 47.7 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	17 200	JUL	10 400
FEB	11 500	AUG	483
MAR	5 910	SEP	4 270
APR	5 000	OCT	4 130
MAY	3 350	NOV	20 500
JUN	3 480	DEC	3 400

TOTAL DISCHARGE, 89 800 dam³

KASLO RIVER BELOW KEMP CREEK - STATION NO. 08NH005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.48A	3.09	3.74	5.02	16.3	71.3	33.2	17.7	8.88	5.49	8.03	4.31	1
2	3.48E	3.04	3.75	5.16	16.8	71.2	31.5	16.8	12.5	5.41	7.38	4.82	2
3	3.43E	2.85	3.79	5.13	17.2	80.1	30.8	16.1	11.1	5.34	9.35	4.90	3
4	3.44E	2.79	3.85	5.16	17.0	83.7	27.4	16.1	10.1	5.49	14.5	4.85	4
5	3.41E	2.77	4.07	5.27	17.0	84.7	26.5	14.9	11.4	5.29	11.4	4.76	5
6	3.40E	2.74B	4.05	5.47	16.3	81.1	27.4	14.8	9.73	5.12	10.1	4.59	6
7	3.41E	2.73B	4.02	5.14	19.6	85.7	40.1	14.4	9.13	4.88	8.99	4.47	7
8	3.45E	2.72B	4.09	5.39	20 0	80.1	34.1	14.2	8.81	4.88	8.32	4.80	8
9	3.43E	2.72B	4.62	5.24	18.6	87.8	28.7	14.8	8.80	4.82	7.83	4.70	9
10	3.41E	2.72B	6.20	5.11	17.8	84.4	25.1	15.3	8.48	4.70	7.53	4.62	10
11	3.45E	2.78B	7.18	5.02	17.4	46.8	25.8	19.2	8.88	4.80	7.48	4.48	11
12	3.49E	3.14	6.84	5.02	17.8	37.1	85.8	19.1	8.95	4.55	7.30	4.38	12
13	3.43E	3.14	6.29	5.55	17.8	33.4	80.2	14.8	8.82	4.52	7.17	4.38	13
14	3.38E	3.10	6.06	5.58	17.6	35.5	88.2	12.9	8.42	4.51	8.95	4.34	14
15	3.35E	3.11	5.81	5.80	18.4	44.3	40.8	12.3	8.99	4.58	7.09	4.25	15
16	3.34E	3.11	5.61	6.18	18.1	42.8	32.9	11.8	8.58	4.40	7.14	4.17	16
17	3.35E	3.16	5.45	6.72	20.0	40.8	28.6	10.8	8.37	4.50	7.29	3.85	17
18	3.32E	3.19	5.28	7.88	21.6	42.8	28.4	10.4	7.88	4.51	7.14	3.708	18
19	3.30E	3.13	5.10	8.80	21.2	33.9	25.8	9.72	7.50	4.40	6.87	3.628	19
20	3.22A	3.26	4.98	9.98	22.4	26.2	26.8	9.26	7.20	4.48	6.80	3.538	20
21	3.22	3.23	4.84	11.4	28.2	25.4	28.8	8.91	6.95	4.41	6.32	3.468	21
22	3.21	3.21	4.73	12.6	31.7	24.6	24.7	8.88	6.75	5.78	6.19	3.488	22
23	3.23	3.21	4.71	16.1	38.6	25.1	23.6	8.58	6.56	5.52	6.04	3.508	23
24	3.21	3.33	4.72	23.8	47.0	26.3	23.3	8.81	6.37	4.80	5.93	3.408	24
25	3.18	3.81	4.73	27.5	57.2	30.7	23.9	9.32	6.20	4.69	5.85	3.208	25
26	3.22	3.63	4.88	23.4	61.5	27.1	24.5	9.88	6.10	4.61	5.89	3.408	26
27	3.27	3.85	4.72	20.0	64.8	28.2	20.5	8.88	6.03	4.57	5.89	3.408	27
28	3.31	3.66	4.71	17.7	73.8	31.3	18.2	8.84	5.90	4.48	5.40	3.308	28
29	3.17		4.84	16.5	84.7	33.3	17.8	8.85	5.78	4.43	4.78	3.308	29
30	3.21		4.93	16.4	88.9	39.0	17.4	8.83	5.62	4.80	5.08	3.358	30
31	3.16		5.03		80.3		17.8	8.80		8.81		3.378	31
TOTAL	103.42	88.80	153.17	307.81	1 028.7	1 300.3	940.5	386.98	245.27	151.20	221.32	124.39	TOTAL
MEAN	3.34	3.10	4.84	10.3	33.2	43.5	30.3	12.5	8.18	4.88	7.38	4.01	MEAN
MAX	3.48	3.88	7.18	27.5	88.9	80.1	80.2	19.2	12.5	8.81	14.5	4.90	MAX
MIN	3.16	2.72	3.74	5.03	16.3	24.6	17.4	8.80	5.62	4.40	4.78	3.20	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 13.0
MAXIMUM DAILY, 88.9 ON MAY 30
MINIMUM DAILY, 2.72B ON FEB 8
MAXIMUM INSTANTANEOUS,
86.3 AT 23:42 PST ON MAY 29

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 54 27 N
LONG 116 57 07 W
DRAINAGE AREA, 483 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	6 940	JUL 81 300	
FEB	7 500	AUG 33 400	
MAR	13 200	SEP 21 200	
APR	26 600	OCT 13 100	
MAY	88 900	NOV 19 100	
JUN	113 000	DEC 10 700	

TOTAL DISCHARGE, 437 000 dam³

KAICHEK CREEK NEAR THE MOUTH - STATION NO. 08JE005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.11B	2.72B	2.15B	1.88	20.7	18.2	8.98	8.86	2.71	2.50	2.38	1.528	1
2	2.10B	2.71B	2.13B	1.73	21.4	15.9	9.06	8.63	2.69	2.68	2.27	1.508	2
3	2.11B	2.70B	2.12B	1.74	22.1	15.4	9.44	9.21	2.62	2.59	2.12	1.468	3
4	2.10B	2.68B	2.11B	1.75	22.6	14.9	9.95	9.33	2.43	2.71	2.13	1.478	4
5	2.20B	2.60B	2.10B	1.81	22.8	14.3	10.4	8.44	2.39	2.72	2.12	1.458	5
6	2.47B	2.80B	2.12B	1.80	23 6	13.8	11.0	7.86	2.36	2.86	2.01	1.448	6
7	2.60B	2.43B	2.14B	1.88	24 8	13.7	13.8	7.63	2.28	2.87	1.91	1.428	7
8	2.69B	2.42B	2.18B	2.07	25 8	13.3	14.3	7.38	2.19	2.90	1.89	1.408	8
9	2.72B	2.41B	2.18B	2.12	26.8	12.7	14.5	7.09	2.13	3.08	1.84	1.398	9
10	2.73B	2.46B	2.23B	2.18	26.2	12.3	14.4	6.84	2.12	3.20	1.81	1.388	10
11	2.73B	2.48B	2.30B	2.23	26 6	11.9	14.8	6.62	1.97	3.19	1.78	1.378	11
12	2.73B	2.53B	2.30B	2.30	26.7	11.8	14.3	6.68	1.92	3.18	1.84	1.388	12
13	2.70B	2.64B	2.29B	2.36	26.2	11.4	14.1	6.61	2.06	3.23	1.84	1.358	13
14	2.68B	2.63B	2.28B	2.82	25 7	11.0	14.4	6.48	2.02	3.28	1.84	1.348	14
15	2.67B	2.60B	2.25B	2.87	25 1	10.7	14.5	6.21	2.03	3.24	1.72	1.338	15
16	2.86B	2.49B	2.23B	3.22	24 8	10.0	14.2	5.18	2.06	3.24	1 71	1.338	16
17	2.87B	2.47B	2.18B	3.68	23.8	9.80	14.3	5.01	2.03	3.30	1 63	1.318	17
18	2.92B	2.43B	2.12B	4.80	23 3	9.27	14.1	4.84	1.87	3.28	1 53	1.308	18
19	2.88B	2.40B	2.09B	5.86	22 7	8.89	13.8	4.68	1.84	3.08	1.84	1.298	19
20	2.87B	2.38B	2.04B	6.09	22.2	9.01	13.8	4.38	2.06	3.09	1.55	1.288	20
21	2.84B	2.36B	2.00B	7.77	21.8	8.88	13.8	4.06	2.12	3.02	1 83	1.278	21
22	2.83B	2.35B	1.98B	8.88	21.4	8.81	13.8	3.95	2.13	2.97	1 82	1.268	22
23	2.82B	2.35B	1.90B	9.71	20.8	8.78	13.7	3.78	2.23	2.99	1.86	1.258	23
24	2.81B	2.34B	1.85B	11.6	20.3	8.84	13.3	3.58	2.28	2.98	1 81	1.268	24
25	2.80B	2.32B	1.80B	13.6	19.7	8.88	12.8	3.44	2.30	2.91	1.85	1.248	25
26	2.80B	2.30B	1.78B	14.6	19.0	8.71	12.3	3.28	2.28	2.73	1.48	1.238	26
27	2.78B	2.28B	1.72	15 7	18.8	8.61	12.1	3.15	2.38	2.68	1.81	1.228	27
28	2.76B	2.25B	1.71	17.2	18.2	8.66	11.7	3.02	2.48	2.58	1.86	1.218	28
29	2.76B		1.66	18.2	17.8	8.83	11.1	2.89	2.81	2.64	1.58	1.238	29
30	2.74B		1.69	18.6	17.3	8.78	10.8	3.07	2.84	2.44	1.64B	1.248	30
31	2.73B		1.67		17.0		10.1	2.83		2.44		1.298	31
TOTAL	63.36	88.88	63.24	191.14	886.7	333.02	392.84	173.17	87.19	90.48	53.09	41.38	TOTAL
MEAN	2.09	2.46	2.04	6.37	23 6	11.1	12.7	5.59	2.24	2.82	1 77	1.34	MEAN
MAX	2.86	2.72	2.30	18.6	26.8	18.3	14.8	9.88	2.71	3.30	2.38	1.62	MAX
MIN	2.10	2.33	1.67	1.88	17.0	8.86	8.98	2.83	1.82	2.44	1 48	1.21	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.18
MAXIMUM DAILY, 26.8 ON MAY 6
MINIMUM DAILY, 1.21B ON DEC 30
MAXIMUM INSTANTANEOUS,
30.6 AT 15:50 PST ON MAY 6

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 54 01 N
LONG 125 08 17 W
DRAINAGE AREA, 881 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	7 200	JUL 33 900	
FEB	5 950	AUG 15 000	
MAR	5 450	SEP 5 800	
APR	18 500	OCT 7 820	
MAY	80 200	NOV 4 530	
JUN	28 800	DEC 3 550	

TOTAL DISCHARGE, 195 000 dam³

KECHIKA RIVER ABOVE BOYA CREEK - STATION NO. 10BB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	33.8B	29.0B	28.0B	25.0B	50.0B	612E	343	267	187	115	71.0B	40.0B	1
2	33.0B	28.8B	28.8B	25.0B	52.0B	581E	350	262	186	116	70.0B	40.0B	2
3	32.3B	28.8B	28.2B	25.0B	54.0B	633E	345	257	181	115	69.5B	40.0B	3
4	32.8B	29.0B	28.0B	24.9B	56.5B	488E	340	249	176	113	69.0B	39.5B	4
5	32.5B	29.8B	27.8B	24.8B	58.0B	438E	344	235	191	113	66.0B	39.0B	5
6	32.0B	30.0B	27.3B	24.1B	62.0B	388E	383	215	187	112	65.5B	37.0B	6
7	30.8B	29.8B	27.1B	24.0B	65.0B	364E	357	210	178	111	64.0B	35.0B	7
8	30.2B	29.0B	27.1B	24.0B	69.0B	343E	319	198	168	108	63.5B	33.0B	8
9	30.0B	28.8B	27.1B	24.5B	73.5B	340E	300	191	161	107	63.0B	31.5B	9
10	30.0B	28.4B	27.5B	25.0B	79.0B	349E	295	182	153	104	62.5B	30.5B	10
11	30.0B	28.5B	27.8B	25.5B	84.0B	371E	285	197	146	97.5	62.0B	30.5B	11
12	30.8B	28.7B	28.0B	26.7B	88.0B	391E	273	204	141	98.9	62.5B	31.0B	12
13	31.6B	28.9B	28.0B	27.1B	94.9E	412E	262	204	136	101	63.0B	32.0B	13
14	32.2B	29.0B	28.0B	28.0B	100 E	413E	239	183	133	98.0	63.0B	33.0B	14
15	32.4B	28.9B	28.0B	28.9B	108 E	405	224	172	131	95.5	62.0B	32.5B	15
16	32.8B	28.2B	27.9B	29.8B	117 E	425	214	166	129	92.6	60.5B	30.5B	16
17	32.8B	28.0B	27.8B	30.8B	129 E	435	214	178	126	88.2	57.5B	29.0B	17
18	32.6B	28.1B	27.0B	31.6B	136 E	382	217	185	122	91.0	54.0B	28.0B	18
19	32.0B	28.3B	26.8B	32.7B	129 E	387	215	200	119	90.6	51.0B	28.0B	19
20	31.2B	28.6B	26.2B	33.8B	121 E	427	212	194	116	89.1	49.0B	28.0B	20
21	30.2B	28.9B	26.0B	34.9B	139 E	403	218	186	115	88.0	47.0B	27.5B	21
22	29.6B	29.0B	26.0B	35.0B	159 E	390	241	189	118	87.2	46.5B	26.0B	22
23	29.2B	29.1B	26.0B	37.0B	149 E	410	243	193	119	86.5	46.5B	26.5B	23
24	29.0B	29.1B	26.0B	38.2B	153 E	420	232	206	121	85.1	46.0B	26.5B	24
25	29.0B	29.1B	26.0B	39.5B	152 E	413	224	198	121	83.6	45.5B	26.5B	25
26	29.1B	29.1B	26.0B	41.0B	156 E	405	235	202	122	83.7	45.0B	26 0B	26
27	29.0B	28.9B	26.1B	42.5B	150 E	380	237	198	126	82.6	43.0B	27.5B	27
28	30.9B	29.0B	26.1B	44.0B	139 E	355	266	186	126	81.0	42.0B	27.5B	28
29	31.1B		26.0B	46.0B	154 E	339	276	176	120	80.5	41.0B	27.5B	29
30	30.5B		26.5B	48.0B	261 E	333	278	168	116	77.0B	40.0B	27.5B	30
31	30.0B		26.0B		483 E		274	166		73.5B		27.5B	31
TOTAL	964.5	803.2	837.9	948.3	3 819.8	12 550	8 436	6 271	4 212	2 986.7	1 893.0	976.5	TOTAL
MEAN	31.1	28.8	27.0	31.6	123	418	272	202	140	85.7	58.4	31.5	MEAN
MAX	33.8	30.0	28.0	48.0	483	681	383	262	191	116	71.0	40.0	MAX
MIN	29.0	28.0	26.0	24.0	50.0	333	212	166	116	73.5	40.0	27.5	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 122
MAXIMUM DAILY, 681E ON JUN 2
MINIMUM DAILY, 24.0B ON APR 7
MAXIMUM INSTANTANEOUS,
680 AT 17:05 PST ON JUN 2

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 59 05 54 N
LONG 127 32 02 W
DRAINAGE AREA, 11 200 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	83 200	JUL	729 000
FEB	69 400	AUG	542 000
MAR	72 400	SEP	364 000
APR	81 900	OCT	256 000
MAY	330 000	NOV	164 000
JUN	1 080 000	DEC	84 400

TOTAL DISCHARGE, 3 840 000 dam³

KECHIKA RIVER AT THE MOUTH - STATION NO. 10BB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	55.0B	56.5B	57.5B	50.5B	88.0B	1 220	541	391	285	218	140	75.0B	1
2	53.0B	56.0B	57.0B	50.5B	102 B	1 330	548	400	283	218	138	76.0B	2
3	52.0B	56.5B	56.5B	50.5B	106 B	1 280	554	405	278	220	134	76.0B	3
4	52.0B	56.0B	55.5B	50.5B	111 B	997	556	363	284	219	132	76.0B	4
5	52.0B	55.0B	54.5B	50.0B	118 B	882	513	388	330	217	129 B	76.0B	5
6	51.0B	55.0B	53.5B	49.5B	122 B	788	521	340	345	214	125 B	71.0B	6
7	50.0B	55.0B	52.0B	49.0B	129 B	686	562	328	340	208	121 B	66.0B	7
8	58.0B	55.0B	52.0B	48.5B	140	644	518	315	326	204	119 B	59.0B	8
9	57.0B	56.5B	52.0B	48.0B	145	616	493	302	312	198	119 B	56.0B	9
10	57.0B	56.0B	53.0B	48.5B	155	618	478	293	297	193	119 B	52.0B	10
11	58.0B	56.0B	53.5B	49.5B	160	655	458	292	282	186	118 B	51.0B	11
12	58.5B	56.0B	54.0B	50.0B	167	661	432	284	270	183	118 B	51.0B	12
13	60.0B	57.0B	54.0B	51.0B	177	689	401	302	261	185	119 B	53.0B	13
14	60.5B	58.0B	55.0B	52.0B	188	689	378	293	259	183	119 B	55.0B	14
15	61.0B	57.5B	56.0B	53.5B	199	664	368	273	255	176	117 B	57.0B	15
16	62.0B	58.0B	56.0B	55.0B	220	674	341	265	252	173	111 B	57.0B	16
17	62.0B	58.0B	56.5B	57.0B	243	716	337	290	247	183	103 B	56.0B	17
18	62.0B	58.0B	56.5B	59.0B	267	663	335	317	240	180	98.0B	52.0B	18
19	61.0B	58.0B	53.5B	61.0B	288	626	329	341	231	184	96.0B	52.0B	19
20	59.5B	58.0B	52.5B	62.0B	297	699	324	341	226	181	93.0B	52.0B	20
21	58.0B	57.0B	52.0B	64.5B	294	702	322	340	220	158	91.0B	51.0B	21
22	58.5B	58.0B	52.0B	67.0B	317	661	340	337	228	158	90.0B	51.0B	22
23	58.0B	58.0B	51.5B	70.5B	310	668	335	330	230	153	90.0B	51.0B	23
24	55.0B	60.0B	51.0B	73.5B	299	667	354	345	229	151	90.0B	52.0B	24
25	55.0B	60.0B	51.0B	76.0B	286	672	338	348	240	148	87.0B	52.0B	25
26	56.0B	59.0B	52.0B	78.0B	284	650	330	344	240	147	84.0B	52.0B	26
27	56.0B	57.0B	52.0B	82.0B	288	604	347	341	238	148	83.0B	51.0B	27
28	60.0B	57.0B	52.0B	85.0B	287	565	376	339	240	145	80.0B	50.0B	28
29	60.0B		51.5B	88.0B	270	523	408	318	238	143	78.0B	50.0B	29
30	58.5B		51.0B	93.0B	411	536	401	300	221	142	77.0B	49.0B	30
31	58.0B		50.5B		841		413	291		141		49.0B	31
TOTAL	1 843.5	1 803.0	1 664.5	1 825.0	7 176.0	22 006	13 168	10 182	7 837	5 473	3 219.0	1 773.0	TOTAL
MEAN	59.5	57.3	53.4	60.8	232	734	425	328	265	177	107	57.2	MEAN
MAX	65.0	60.0	57.5	93.0	841	1 330	631	405	345	220	140	76.0	MAX
MIN	55.0	55.0	50.5	48.0	88.0	523	322	265	220	141	77.0	49.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 213
MAXIMUM DAILY, 1 330 ON JUN 2
MINIMUM DAILY, 48.0B ON APR 6
MAXIMUM INSTANTANEOUS,
1 340 AT 16:42 PST ON JUN 2

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 59 36 55 N
LONG 127 10 37 W
DRAINAGE AREA, 23 700 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	159 000	JUL	1 140 000
FEB	139 000	AUG	878 000
MAR	143 000	SEP	666 000
APR	156 000	OCT	473 000
MAY	639 000	NOV	278 000
JUN	1 900 000	DEC	183 000

TOTAL DISCHARGE, 6 730 000 dam³

KEEN CREEK BELOW KYAWATS CREEK - STATION NO. 08NM132

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.5168	0.4038	0.432	0.421	3.24	16.9	9.55	5.25	2.55	1.01	2.79	0.6808	1
2	0.5168	0.3938	0.440	0.431	3.43	16.8	9.11	5.03	2.46	0.997	2.26	0.6398	2
3	0.5178	0.3808	0.446	0.426	3.46	16.3	8.26	5.71	2.46	0.978	2.63	0.6108	3
4	0.5118	0.3508	0.443	0.430	3.43	14.5	7.12	4.91	2.35	1.01	5.50	0.6008	4
5	0.5108	0.3458	0.437	0.443	3.84	12.8	6.15	4.47	3.15	0.953	3.78	0.7800	5
6	0.5068	0.3448	0.426	0.470	3.91	12.5	11.8	4.63	2.47	0.803	3.13	0.7708	6
7	0.5058	0.3438	0.417	0.543	4.25	13.5	13.1	4.52	2.21	0.878	2.67	0.7808	7
8	0.5008	0.3428	0.414	0.536	4.25	15.0	10.6	4.56	2.06	0.853	2.23	0.7858	8
9	0.5028	0.3408	0.484	0.494	3.91	14.8	8.29	4.93	2.18	0.836	2.00	0.7808	9
10	0.5208	0.3458	0.749	0.500	3.77	13.8	7.41	5.03	1.97	0.813	1.87	0.7798	10
11	0.5908	0.3708	0.885	0.487	3.78	11.7	7.96	5.44	2.20	0.784	1.84	0.7858	11
12	0.5808	0.4408	0.816	0.483	3.91	9.59	19.8	5.01	2.22	0.766	1.70	0.7458	12
13	0.5408	0.4708	0.5208	0.487	4.07	7.80	21.1	4.42	2.17	0.760	1.62	0.7258	13
14	0.5308	0.4208	0.5008	0.509	4.40	6.81	19.7	3.77	2.46	0.765	1.53	0.7208	14
15	0.5008	0.4108	0.4888	0.546	4.72	11.8	11.5	3.58	2.31	0.784	1.49	0.7008	15
16	0.4958	0.4058	0.4858	0.616	4.88	11.6	8.52	3.35	2.15	0.744	1.48	0.6808	16
17	0.4958	0.4208	0.4458	0.703	5.07	10.9	7.33	2.98	2.06	0.754	1.45	0.6758	17
18	0.4958	0.4108	0.4408	0.893	5.41	11.7	6.78	2.86	1.86	0.772	1.38	0.6658	18
19	0.4908	0.4058	0.4388	1.08	5.13	8.57	6.82	2.53	1.70	0.747	1.29	0.6608	19
20	0.4858	0.4028	0.433	1.33	5.86	8.87	6.35	2.37	1.67	0.761	1.25	0.6208	20
21	0.4708	0.4018	0.428	1.83	7.54	5.92	6.37	2.25	1.48	0.755	1.20	0.5808	21
22	0.4858	0.4008	0.422	1.86	8.75	5.72	7.03	2.16	1.40	1.38	1.16	0.5508	22
23	0.4828	0.4108	0.420	2.83	10.5	7.24	6.70	2.14	1.32	1.14	1.11	0.5408	23
24	0.446	0.430	0.425	4.89	12.8	10.3	6.86	2.33	1.29	0.886	1.08	0.5308	24
25	0.440	0.472	0.420	4.88	15.0	8.33	7.07	2.56	1.23	0.880	1.11	0.5408	25
26	0.4388	0.445	0.413	4.07	16.2	7.07	7.84	2.70	1.18	0.848	1.06	0.5408	26
27	0.4808	0.425	0.418	3.62	16.7	7.92	5.84	2.32	1.16	0.852	1.02	0.5408	27
28	0.4308	0.423	0.414	3.30	16.8	9.31	4.85	2.35	1.13	0.807	0.9808	0.5408	28
29	0.4008		0.418	3.17	20.8	9.87	4.77	2.43	1.08	0.785	0.9108	0.5408	29
30	0.4028		0.426	3.18	21.0	11.4	4.82	2.46	1.06	0.902	0.8808	0.5458	30
31	0.4228		0.430		19.1		5.08	2.41		2.47		0.5858	31
TOTAL	15.216	11.123	14.505	44.888	251.55	328.92	281.35	114.40	60.48	28.547	55.200	20.922	TOTAL
MEAN	0.491	0.397	0.468	1.50	8.11	11.0	9.08	3.69	2.02	0.921	1.84	0.675	MEAN
MAX	0.590	0.472	0.885	4.88	21.0	16.3	21.1	6.44	4.43	2.47	5.50	0.880	MAX
MIN	0.400	0.340	0.413	0.421	3.24	5.72	4.77	2.14	1.06	0.744	0.880	0.530	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.36
MAXIMUM DAILY, 21.1 ON JUL 13
MINIMUM DAILY, 0.340B ON FEB 8
MAXIMUM INSTANTANEOUS,
28.7 AT 20:40 PST ON JUL 12

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 52 18 N
LONG 117 07 13 W
DRAINAGE AREA, 92.2 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 310	JUL 24 300	
FEB	861	AUG 9 880	
MAR	1 250	SEP 5 230	
APR	3 880	OCT 2 470	
MAY	21 700	NOV 4 770	
JUN	28 500	DEC 1 810	

TOTAL DISCHARGE, 106 000 dam³

KELOWNA CREEK NEAR KELOWNA (LOWER STATION) - STATION NO. 08NM063

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.629	0.834	1.31	1.01	4.71	0.885	0.854	0.681	0.458	0.438	0.398	0.377	1
2	0.624	0.842	1.20	1.06	4.73	0.750	0.821	0.670	0.548	0.448	0.425	0.3608	2
3	0.631	0.678	1.04	0.982	5.00	0.918	0.982	0.628	0.528	0.462	0.421	0.3588	3
4	0.635	0.631	0.940	0.835	4.71	0.889	0.902	0.693	0.497	0.418	0.393	0.3788	4
5	0.684	0.627	0.877	0.920	4.36	0.588	0.824	0.378	0.538	0.385	0.377	0.3908	5
6	0.680	0.630	0.855	0.846	4.32	0.551	0.883	0.373	0.514	0.367	0.380	0.3808	6
7	0.689	0.630	0.868	0.985	4.72	0.513	0.848	0.372	0.488	0.338	0.381	0.3858	7
8	0.852	0.659	0.880	1.06	4.86	0.477	0.889	0.375	0.478	0.334	0.375	0.3958	8
9	0.695	0.681	0.844	1.21	4.83	0.449	1.12	0.352	0.486	0.337	0.372	0.4108	9
10	0.807	0.668	1.12	1.30	4.17	0.486	1.00	0.388	0.838	0.334	0.387	0.4388	10
11	0.818	0.678	1.48	1.22	3.75	0.489	0.895	0.893	0.830	0.326	0.383	0.4308	11
12	0.893	0.887	1.58	1.23	3.48	0.481	0.824	0.878	0.880	0.332	0.382	0.4008	12
13	0.881	0.866	1.58	1.20	3.26	0.444	0.838	0.888	0.888	0.335	0.384	0.3908	13
14	0.873	0.827	1.48	1.18	3.18	0.387	0.874	0.490	0.848	0.338	0.388	0.4108	14
15	0.844	0.818	1.38	1.13	3.17	0.838	0.778	0.485	0.838	0.331	0.428	0.4258	15
16	0.858	0.753	1.31	1.31	3.33	0.840	0.832	0.483	0.831	0.332	0.458	0.3708	16
17	0.868	1.03	1.28	1.36	3.14	0.812	0.888	0.388	0.841	0.342	0.438	0.3308	17
18	0.870	1.03	1.25	1.60	3.08	0.735	0.888	0.384	0.841	0.373	0.883	0.3158	18
19	0.871	0.924	1.21	1.65	2.83	0.682	0.888	0.388	0.813	0.353	0.815	0.3078	19
20	0.868	1.03	1.17	2.16	2.58	0.709	0.840	0.378	0.808	0.389	0.880	0.3068	20
21	0.887	0.834	1.18	2.52	2.42	0.838	0.785	0.383	0.800	0.384	0.421	0.2708	21
22	1.01	0.888	1.14	2.82	2.30	1.19	0.777	0.388	0.806	0.371	0.431	0.2408	22
23	0.812	1.12	1.17	3.07	2.13	1.38	0.785	0.382	0.804	0.368	0.486	0.2208	23
24	0.880	1.28	1.18	3.07	2.28	1.56	0.888	0.385	0.888	0.389	0.536	0.2148	24
25	0.868	1.03	1.12	3.26	2.64	1.38	1.03	0.340	0.453	0.371	0.472	0.2108	25
26	0.788	1.58	0.838	3.80	2.83	1.33	1.00	0.383	0.448	0.385	0.441	0.2308	26
27	0.887	1.58	0.880	3.83	2.78	1.06	0.806	0.372	0.442	0.383	0.484	0.2808	27
28	0.828	1.38	1.03	3.36	2.27	0.848	0.801	0.383	0.438	0.388	0.486	0.2408	28
29	0.884		0.877	4.73	1.88	0.871	0.852	0.404	0.448	0.378	0.478	0.2308	29
30	0.882		1.00	4.86	1.88	0.588	0.793	0.388	0.443	0.378	0.418	0.2808	30
31	0.888		0.884		1.44		0.750	0.383		0.385		0.3298	31
TOTAL	18.958	22.889	35.184	87.988	102.99	22.441	28.882	13.812	15.281	11.291	13.518	10.263	TOTAL
MEAN	0.812	0.817	1.13	2.27	3.31	0.748	0.842	0.438	0.509	0.384	0.451	0.331	MEAN
MAX	1.01	1.83	1.58	5.88	5.00	1.56	1.12	0.883	0.838	0.448	0.838	0.438	MAX
MIN	0.624	0.630	0.844	0.838	1.44	0.387	0.648	0.340	0.438	0.322	0.382	0.210	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.888
MAXIMUM DAILY, 5.88 ON APR 28
MINIMUM DAILY, 0.2108 ON DEC 25
MAXIMUM INSTANTANEOUS,
6.03 AT 06:40 PST ON APR 28

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 53 12 N
LONG 119 27 18 W
DRAINAGE AREA, 221 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 660	JUL 2 350	
FEB	1 580	AUG 1 100	
MAR	2 940	SEP 1 330	
APR	8 870	OCT 976	
MAY	8 880	NOV 1 170	
JUN	1 940	DEC 887	

TOTAL DISCHARGE, 31 100 dam³

KENANO POWERHOUSE - STATION NO. 08FE002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	90.4	105	113	88.7	114	95.0	88.7	90.4	94.7	118	95.6	97.5	1
2	90.0	129	114	89.0	115	94.3	88.5	90.3	123	118	96.1	97.0	2
3	89.5	112	115	89.0	117	96.4	88.3	90.6	98.2	129	95.8	97.0	3
4	118	105	114	88.4	117	88.5	88.9	91.3	93.9	129	96.6	96.0	4
5	139	89.5	89.4	113	117	95.4	87.6	91.3	94.7	113	95.6	96.6	5
6	137	90.1	88.9	113	116	95.4	88.3	91.5	97.1	123	93.0	97.0	6
7	123	104	112	115	115	95.6	88.6	91.1	100	104	112	110	7
8	88.5	103	117	116	115	95.5	88.1	91.5	104	118	105	99.6	8
9	89.7	102	105	105	117	95.5	88.6	91.8	103	108	135	96.6	9
10	91.0	103	112	88.5	96.3	95.9	88.2	95.7	103	114	96.1	96.3	10
11	115	107	105	117	89.0	95.9	88.0	92.3	103	96.0	96.8	98.2	11
12	118	89.7	87.3	115	87.1	95.2	83.1	91.9	104	95.4	95.4	106	12
13	118	89.6	96.3	117	95.5	87.8	87.4	91.8	103	97.3	96.6	98.6	13
14	115	114	112	117	87.2	88.5	88.4	92.6	103	95.0	96.3	96.3	14
15	90.1	105	112	116	95.9	87.8	88.3	92.3	103	89.8	96.8	95.6	15
16	90.0	114	114	118	95.1	88.4	88.3	92.3	104	100	97.0	98.4	16
17	118	114	107	119	95.6	95.1	88.3	92.9	103	90.2	96.3	96.1	17
18	131	113	113	116	95.7	95.1	88.3	93.2	103	95.0	97.0	95.6	18
19	131	95.6	96.2	115	95.5	95.1	95.7	93.4	103	96.4	97.2	96.4	19
20	127	96.9	96.3	116	96.9	95.0	95.6	93.2	104	95.0	95.6	130	20
21	131	116	113	116	95.4	87.8	88.3	93.3	95.4	96.6	96.4	125	21
22	90.3	131	102	119	87.1	88.5	89.3	93.2	95.9	96.8	96.8	139	22
23	90.4	133	106	116	87.1	87.6	88.2	94.8	95.6	95.0	96.4	139	23
24	116	134	104	115	95.8	88.4	89.0	92.1	95.1	96.9	96.8	139	24
25	109	125	104	116	96.4	96.1	89.5	89.5	93.7	96.1	96.1	124	25
26	104	89.6	88.6	114	96.2	87.9	90.1	93.3	95.6	96.1	96.2	102	26
27	107	89.2	88.2	117	95.7	96.6	90.4	94.6	95.2	96.3	95.6	97.0	27
28	107	116	116	117	95.7	96.0	90.1	93.4	113	96.1	96.4	96.6	28
29	89.5		116	117	96.6	96.1	90.6	105	139	96.1	96.5	96.0	29
30	96.4		117	115	95.1	96.4	90.3	100	133	95.2	97.0	96.3	30
31	114		117		95.6		90.3	94.5		96.6		94.9	31
TOTAL	3 351.8	3 000.4	3 268.4	3 338.6	2 983.6	2 840.8	2 754.2	2 876.9	3 083.9	3 173.0	2 952.7	3 238.2	TOTAL
MEAN	108	107	105	111	96.2	96.0	88.8	92.8	103	102	96.4	104	MEAN
MAX	139	134	119	119	119	96.9	90.6	105	139	129	135	139	MAX
MIN	96.4	89.6	87.3	96.4	96.1	96.2	87.4	96.7	93.7	89.8	93.0	94.9	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 100
MAXIMUM DAILY, 139 ON JAN 5
MINIMUM DAILY, 86.7 ON AUG 10

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 53 33 40 N
LONG 127 96 10 W

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	290 000	JUL	238 000
FEB	260 000	AUG	248 000
MAR	282 000	SEP	267 000
APR	288 000	OCT	274 000
MAY	258 000	NOV	255 000
JUN	228 000	DEC	280 000

DATA CONTRIBUTED BY -
ALUMINUM COMPANY OF CANADA LIMITED

REGULATED

TOTAL DISCHARGE, 3 170 000 dam³

KENANO RIVER ABOVE POWERHOUSE TAILRACE - STATION NO. 08FE003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.008	4.658	7.95	10.9	74.0E	82.0E	85.1	61.4	38.5	25.3	23.5	5.808	1
2	4.008	4.358	7.23	10.0	70.0E	88.0E	88.2	56.5	89.0	31.6	22.1	5.408	2
3	4.008	4.258	6.66	9.82	82.0E	83.0E	88.2	56.5	89.0	39.5	34.3	5.158	3
4	4.018	4.088	6.38	10.0	88.0E	48.0E	81.5	40.8	71.9	31.6	33.3	5.008	4
5	4.018	3.958	6.06	14.2	80.0E	48.3A	84.4	45.0	87.8	26.1	26.0	4.808	5
6	5.808	3.808	5.78	18.2	48.8E	21.7	48.6	89.3	110	22.2	22.2	4.618	6
7	14.0 E	3.708	5.84	16.8	47.0E	93.0	80.7	60.8	83.0	18.4	20.5	4.458	7
8	21.8 E	3.658	5.40	13.4	41.0A	89.8	42.3	84.3	39.6	19.0	17.6	4.228	8
9	25.5 E	3.588	5.48	11.2	35.0E	81.7	49.2	61.5	30.3	20.4	15.8	4.198	9
10	9.40E	3.658	5.68	9.93	37.0E	73.4	82.3	61.8	28.7	18.1	14.2	4.028	10
11	71.0 E	6.00E	6.05	9.04	42.0E	84.3	87.6	60.0	31.5	18.4	15.0	3.938	11
12	34.0 E	10.5 E	8.38	8.31	60.0E	84.2	72.2	47.1	37.6	21.2	16.3	3.888	12
13	13.5 A	14.9 E	8.08	8.38	70.0E	88.0	68.8	41.4	121	19.6	13.7	3.788	13
14	11.4	14.7 E	9.87	9.38	80.0E	70.2	66.0	39.1	88.5	16.0	12.8	3.708	14
15	9.45	15.2 E	10.4	11.6	80.1A	85.3	66.0	41.4	84.4	13.7	14.8	3.618	15
16	8.19	13.9 E	10.8	13.8	81.4E	74.0	73.7	63.1	48.4	14.5	27.1	3.558	16
17	7.82	11.0 E	11.5	14.1	85.0E	63.2	74.2	61.5	31.8	15.2	23.2	3.468	17
18	7.48	9.20E	11.8	17.3	80.8A	64.2	77.8	46.8	28.4	23.0	18.7	3.438	18
19	7.42	8.60E	10.7	17.7	88.2	80.0	78.1	85.0	21.3	37.0	15.5	3.388	19
20	10.4	8.90E	10.1	18.0	133	83.1	78.4	82.7	27.1	36.8	14.3	3.328	20
21	9.09	8.70E	9.83	18.2	84.4	85.2	87.2	62.8	33.8	85.2	12.4	3.268	21
22	7.47	9.20E	8.80	17.2	71.2	85.1	85.1	62.3	33.9	51.0	11.4	3.218	22
23	6.30	10.0 E	7.85	26.7	74.3	130	86.1	62.4	30.7	38.9	11.2	3.178	23
24	6.03	10.0 E	7.01	84.0	76.2	127	66.5	37.3	62.5	44.2	10.4	3.118	24
25	6.21	12.5 E	6.85	96.6 A	82.1	108	83.4	36.3	216	83.6	9.81	3.068	25
26	5.78A	10.4 E	6.71	88.0 E	88.6	74.3	48.7	36.3	132	53.4	9.43	3.048	26
27	5.60E	9.00E	7.62	86.0 E	86.1	73.3	42.6	40.8	43.0	31.6	9.00	3.008	27
28	5.38E	8.30E	8.06	87.0 E	89.0	74.8	46.9	89.4	36.9	23.8	8.41	2.988	28
29	5.20E		8.06	88.6 A	134 A	71.6	46.6	42.6	33.9	34.3	7.46	2.948	29
30	5.10E		9.63	80.0 E	130 E	78.3	61.1	44.4	30.6	88.3	8.39	2.908	30
31	4.88E		11.3		102 E		84.4	42.9		31.1		2.868	31
TOTAL	345.82	236.48	248.47	755.17	2 123.9	2 208.1	1 905.4	1 587.5	1 844.8	985.6	497.80	117.16	TOTAL
MEAN	11.1	8.45	8.02	25.2	88.5	73.3	81.5	51.2	84.8	30.8	16.6	3.78	MEAN
MAX	71.0	15.0	11.8	80.0	133	127	92.3	83.1	216	83.6	34.3	5.80	MAX
MIN	4.00	3.58	5.48	8.31	38.0	31.7	42.3	34.3	20.8	13.7	8.39	2.86	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 36.8
MAXIMUM DAILY, 216 ON SEP 29
MINIMUM DAILY, 2.86B ON DEC 31
MAXIMUM INSTANTANEOUS,
472 AT 22:17 PST ON SEP 29

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 34 10 N
LONG 127 86 40 W
DRAINAGE AREA, 963 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	20 000	JUL	185 000
FEB	20 400	AUG	137 000
MAR	21 800	SEP	142 000
APR	85 200	OCT	82 800
MAY	184 000	NOV	43 000
JUN	180 000	DEC	10 100

TOTAL DISCHARGE, 1 080 000 dam³

KEMP LAKE NEAR SOOKE - STATION NO 08HA052

DAILY WATER LEVEL IN METRES FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
				1.986	1.744	1.621	1.532	1.476	1.344	---	---	---	1
1	---	---	---	1.993	1.726	1.617	1.531	1.471	1.352	---	---	---	2
2	---	---	---	1.985	1.729	1.611	1.533	1.470	1.350	---	---	---	3
3	---	---	---	1.972	1.722	1.607	1.522	1.466	1.349	---	---	---	4
4	---	---	---	1.960	1.717	1.601	1.521	1.461	1.349	---	---	---	5
5	---	---	---										
				1.963	1.711	1.596	1.514	1.453	1.350	---	---	---	6
6	---	---	---	1.939	1.707	1.591	1.507	1.451	1.348	---	---	---	7
7	---	---	---	1.911	1.713	1.588	1.501	1.446	1.346	---	---	---	8
8	---	---	---	1.899	1.713	1.580	1.491	1.441	1.344	---	---	---	9
9	---	---	---	1.888	1.707	1.579	1.504	1.431	1.343	---	---	---	10
10	---	---	---										
				1.882	1.697	1.579	1.510	1.441	1.342	---	---	---	11
11	---	---	1.982	1.876	1.691	1.576	1.541	1.421	1.346	---	---	---	12
12	---	---	---	1.861	1.691	1.573	1.551	1.416	1.342	---	---	---	13
13	---	---	---	1.847	1.684	1.570	1.558	1.414	1.341	---	---	---	14
14	---	---	---	1.856	1.683	1.570	1.548	1.408	1.338	---	---	---	15
15	---	---	---										
				1.842	1.684	1.571	1.545	1.401	1.336	---	---	---	16
16	---	---	2.072	1.827	1.689	1.569	1.543	1.391	1.329	---	---	---	17
17	---	---	---	1.817	1.691	1.571	1.540	1.389	1.331	---	---	---	18
18	---	---	---	1.811	1.686	1.567	1.536	1.383	1.330	---	---	---	19
19	---	---	---	1.795	1.677	1.563	1.529	1.379	1.328	---	---	---	20
20	---	---	---										
				1.791	1.676	1.561	1.523	1.373	1.328	---	---	---	21
21	---	---	---	1.783	1.674	1.560	1.521	1.369	1.325	---	---	---	22
22	---	---	---	1.779	1.672	1.555	1.518	1.384	1.324	---	---	---	23
23	---	---	---	1.781	1.686	1.551	1.510	1.381	1.321	---	---	---	24
24	---	---	---	1.787	1.681	1.547	1.504	1.351	1.317	---	---	---	25
25	---	---	---										
				1.769	1.653	1.545	1.495	1.342	1.316	---	---	---	26
26	---	---	---	1.762	1.644	1.543	1.495	1.339	1.314	---	---	---	27
27	---	---	---	1.757	1.643	1.530	1.498	1.335	1.316	---	---	---	28
28	---	---	---	1.751	1.638	1.532	1.491	1.336	1.317	---	---	---	29
29	---		---	1.744	1.631	1.531	1.489	1.338	1.315	---	---	---	30
30	---		---		1.626		1.481	1.339		---		---	31
31	---		---										
				1.852	1.686	1.572	1.519	1.402	1.334	---	---	---	MEAN
MEAN	---	---	---	1.993	1.744	1.621	1.558	1.476	1.352	---	---	---	MAX
MAX	---	---	---	1.744	1.626	1.530	1.481	1.335	1.314	---	---	---	MIN
MIN	---	---	---										

SUMMARY FOR THE YEAR 1983

WATER LEVELS IN METRES

TYPE OF GAUGE - MANUAL
LOCATION - LAT 48 22 52 N
LONG 123 48 40 W

MINIMUM DAILY, 1.314 ON SEP 27

NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

KEREMEOS CREEK BELOW WILLIS INTAKE - STATION NO 08NL045

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.265	0.274	0.287	0.414	1.39	9.28	1.81	0.839	0.449	0.358	0.285	0.345	1
2	0.270	0.270	0.276	0.428	1.40	8.85	2.10	0.797	0.444	0.354	0.310	0.204	2
3	0.268	0.268	0.276	0.422	1.54	9.48	1.87	0.802	0.431	0.354	0.286	0.185	3
4	0.278	0.282	0.281	0.419	1.54	7.44	1.51	0.797	0.421	0.348	0.286	0.184	4
5	0.281	0.258	0.276	0.424	1.88	8.48	1.40	0.708	0.417	0.348	0.301	0.180	5
6	0.278	0.280	0.274	0.431	2.08	5.95	1.33	0.703	0.417	0.348	0.310	0.185	6
7	0.281	0.273	0.287	0.446	2.05	7.07	1.34	0.584	0.421	0.345	0.285	0.192	7
8	0.278	0.273	0.282	0.418	2.18	5.15	1.52	0.469	0.412	0.340	0.285	0.211	8
9	0.284	0.271	0.287	0.489	2.15	5.02	1.41	0.403	0.412	0.340	0.289	0.214	9
10	0.280	0.271	0.314	0.458	1.70	4.80	1.34	0.589	0.421	0.338	0.282	0.221	10
11	0.298	0.268	0.328	0.463	1.78	4.58	1.33	0.885	0.435	0.336	0.323	0.232	11
12	0.289	0.278	0.324	0.453	1.77	4.29	1.34	0.780	0.458	0.332	0.327	0.241	12
13	0.282	0.274	0.320	0.453	2.16	4.12	1.34	0.724	0.408	0.318	0.310	0.229	13
14	0.278	0.273	0.374	0.451	2.21	3.81	1.23	0.648	0.408	0.286	0.316	0.241	14
15	0.278	0.271	0.374	0.448	2.33	4.53	1.23	0.548	0.403	0.288	0.327	0.243	15
16	0.278	0.273	0.345	0.448	2.34	3.73	1.23	0.525	0.403	0.278	0.323	0.241	16
17	0.278	0.273	0.358	0.484	2.52	3.24	1.11	0.426	0.398	0.253	0.327	0.236	17
18	0.278	0.271	0.363	0.505	2.55	2.86	1.01	0.421	0.394	0.253	0.336	0.2308	18
19	0.278	0.271	0.372	0.529	2.48	2.63	0.953	0.417	0.394	0.248	0.340	0.2108	19
20	0.278	0.270	0.376	0.539	2.93	2.80	1.23	0.435	0.394	0.248	0.345	0.1908	20
21	0.278	0.268	0.395	0.552	3.01	2.46	0.931	0.444	0.385	0.248	0.340	0.1788	21
22	0.278	0.270	0.398	0.810	3.46	2.37	0.936	0.444	0.378	0.248	0.340	0.1708	22
23	0.278	0.270	0.398	0.632	3.87	2.34	0.931	0.449	0.378	0.243	0.336	0.1678	23
24	0.278	0.271	0.400	1.11	4.89	2.30	0.936	0.449	0.371	0.243	0.345	0.1758	24
25	0.278	0.282	0.398	1.52	5.52	2.25	0.947	0.449	0.371	0.238	0.345	0.1878	25
26	0.287	0.302	0.400	1.39	5.78	2.07	0.958	0.417	0.367	0.241	0.348	0.1988	26
27	0.332	0.300	0.405	1.29	6.33	2.03	0.942	0.394	0.367	0.241	0.348	0.1928	27
28	0.304	0.302	0.400	1.24	6.75	1.88	0.942	0.412	0.382	0.248	0.358	0.2208	28
29	0.284		0.400	1.23	6.88	1.81	0.947	0.417	0.382	0.248	0.349	0.2358	29
30	0.278		0.400	1.21	9.17	1.75	0.887	0.435	0.358	0.248	0.382	0.241	30
31	0.276		0.400		10.9		0.839	0.431		0.265		0.241	31
TOTAL	8.741	7.885	10.788	20.281	107.35	126.92	37.828	17.170	12.035	9.010	9.884	8.620	TOTAL
MEAN	0.282	0.274	0.347	0.676	3.46	4.23	1.22	0.554	0.401	0.291	0.323	0.214	MEAN
MAX	0.332	0.302	0.405	1.52	10.9	9.49	2.10	0.885	0.458	0.358	0.382	0.345	MAX
MIN	0.265	0.258	0.274	0.414	1.39	1.75	0.839	0.384	0.358	0.238	0.285	0.167	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.03
MAXIMUM DAILY, 10.9 ON MAY 31
MINIMUM DAILY, 0.1678 ON DEC 23

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 15 33 N
LONG 119 49 32 W

DRAINAGE AREA, 183 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	755	JUL	3 270
FEB	662	AUG	1 480
MAR	930	SEP	1 040
APR	1 750	OCT	778
MAY	9 280	NOV	837
JUN	11 000	DEC	572

TOTAL DISCHARGE, 32 400 dam³

KETTLE RIVER NEAR FERRY - STATION NO. 08NN013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	8.16	11.2	23.1	60.3	233	388	89.8	37.1	18.2	13.9	14.2	11.8 B	1
2	9.00	10.9	23.5	64.6	234	354	89.8	34.3	18.5	13.6	18.2	8.508	2
3	9.63	9.00	24.0	64.6	231	311	106	31.4	25.6	13.4	20.3	10.8 B	3
4	9.77	7.70	25.8	63.4	217	254	94.6	29.4	26.7	13.3	26.6	11.6 B	4
5	9.51	5.89	26.0	64.3	216	219	84.1	27.5	23.8	13.1	33.1	14.2	5
6	9.37	6.17	28.9	66.5	233	198	78.4	25.6	26.4	13.0	29.2	15.0	6
7	9.61	7.93	30.3	75.3	266	198	80.7	23.8	25.5	12.7	26.6	15.1	7
8	9.88	10.0	31.7	87.2	277	205	76.2	22.4	22.7	12.4	24.7	14.5	8
9	9.88	11.2	36.5	87.8	248	207	81.8	21.1	21.4	12.2	23.6	15.4	9
10	10.0	10.8	57.8	85.0	224	188	77.6	20.4	21.0	12.0	22.7	18.3	10
11	10.3	9.91	87.5	79.3	211	188	68.5	28.1	21.4	11.8	23.8	17.7	11
12	10.3	11.5	87.2	74.2	204	157	66.3	41.9	28.3	11.5	24.7	18.1	12
13	10.0	11.5	80.7	70.2	202	138	73.6	47.0	28.3	11.3	24.9	18.1	13
14	9.51	11.9	74.5	68.2	204	125	84.7	38.0	25.4	11.2	24.3	18.2	14
15	9.51	12.2	68.5	66.8	209	138	77.0	30.3	24.8	11.0	24.3	17.0	15
16	8.86	12.6	64.0	73.6	220	203	78.2	27.0	23.1	10.8	24.9	14.3	16
17	8.81	12.3	61.2	82.7	236	187	75.9	24.4	21.4	11.0	28.9	10.9	17
18	9.37	12.6	58.9	88.4	228	176	70.2	22.6	20.7	11.0	31.4	8.57	18
19	9.77	12.5	56.4	122	217	152	83.4	21.0	20.2	11.6	30.9	7.28	19
20	9.77	12.5	54.4	147	216	124	68.2	19.5	19.5	11.7	29.2	6.65	20
21	9.86	12.9	52.7	168	258	115	58.6	18.3	18.7	11.9	27.5	5.29	21
22	10.0	13.3	51.5	185	300	114	55.5	17.3	18.2	12.1	26.6	5.00	22
23	10.0	13.6	51.5	202	314	108	50.1	16.8	17.8	13.3	25.9	5.868	23
24	10.0	14.7	51.8	266	340	107	46.4	18.2	17.1	16.2	25.5	6.48	24
25	10.1	17.1	51.3	345	365	118	45.0	19.9	16.6	14.6	24.7	8.55	25
26	10.4	20.4	51.0	323	374	104	48.1	18.0	15.8	13.5	24.1	10.2	26
27	11.6	22.3	51.8	282	385	84.6	50.7	21.1	15.2	13.7	24.1	11.2	27
28	12.6	22.8	53.6	253	382	86.9	45.3	21.8	14.7	13.6	23.4	12.5	28
29	12.2		54.7	231	408	85.7	46.7	22.0	14.6	13.3	22.0	13.5	29
30	11.8		56.0	226	430	93.2	46.4	21.0	14.1	12.8	19.0	13.9	30
31	11.5		59.2		430		40.5	19.5		12.7		13.5	31
TOTAL	310.89	347.40	1 590.2	4 085.4	8 482	5 125.4	2 109.3	774.9	623.3	390.3	750.0	378.86	TOTAL
MEAN	10.0	12.4	51.3	136	274	171	68.0	25.0	20.8	12.6	25.0	12.2	MEAN
MAX	12.6	22.8	87.5	345	430	388	106	47.0	28.3	16.2	33.1	18.2	MAX
MIN	8.16	5.89	23.1	60.3	202	86.7	40.5	15.9	14.1	10.9	14.2	5.86	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 58.4
MAXIMUM DAILY, 430 ON MAY 30
MINIMUM DAILY, 5.868 ON DEC 23
MAXIMUM INSTANTANEOUS,
447 AT 00:00 PST ON MAY 31

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 58 53 N
LONG 118 45 55 W
DRAINAGE AREA, 5 700 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	26 900	JUL	182 000
FEB	30 000	AUG	66 900
MAR	137 000	SEP	53 900
APR	353 000	OCT	33 700
MAY	734 000	NOV	64 800
JUN	443 000	DEC	32 700

TOTAL DISCHARGE, 2 180 000 dam³

KETTLE RIVER NEAR GRAND FORKS - STATION NO. 08NN024

DAILY WATER LEVEL IN METRES FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	8.240E	9.424	10.674	---	---	---	---	---	---	1
2	---	---	---	8.262E	9.462	10.642	---	---	---	---	---	---	2
3	---	---	---	8.285E	9.492	10.272	---	---	---	---	---	---	3
4	---	---	---	8.238E	9.393	9.861	---	---	---	---	---	---	4
5	---	---	---	8.234E	9.343	9.562	---	---	---	---	---	---	5
6	---	---	---	8.242E	9.421	9.401	---	---	---	---	---	---	6
7	---	---	---	8.290	9.443	9.382	---	---	---	---	---	---	7
8	---	---	---	8.390	9.780	9.342	---	---	---	---	---	---	8
9	---	---	---	8.424	9.631	9.452	---	---	---	---	---	---	9
10	---	---	---	8.410	9.422	9.383	---	---	---	---	---	---	10
11	---	---	---	8.343	9.322	9.384	---	---	---	---	---	---	11
12	---	---	---	8.281	9.263	9.131	---	---	---	---	---	---	12
13	---	---	---	8.220	9.250	9.001	---	---	---	---	---	---	13
14	---	---	---	8.130	9.254	8.912	---	---	---	---	---	---	14
15	---	---	---	8.184	9.291	8.911	---	---	---	---	---	---	15
16	---	---	---	8.220	9.384	9.343	---	---	---	---	---	---	16
17	---	---	---	8.200	9.433	9.181	---	---	---	---	---	---	17
18	---	---	---	8.440	9.471	9.172	---	---	---	---	---	---	18
19	---	---	---	8.840	9.412	9.003	---	---	---	---	---	---	19
20	---	---	---	8.840	9.352	8.844	---	---	---	---	---	---	20
21	---	---	---	9.003	9.541	8.724	---	---	---	---	---	---	21
22	---	---	---	9.152	9.674	8.701	---	---	---	---	---	---	22
23	---	---	---	9.270	9.982	8.643	---	---	---	---	---	---	23
24	---	---	---	9.671	10.115	8.650	---	---	---	---	---	---	24
25	---	---	---	10.178	10.320	8.780	---	---	---	---	---	---	25
26	---	---	---	10.154	10.463	8.854	---	---	---	---	---	---	26
27	---	---	---	9.674	10.414	8.574	---	---	---	---	---	---	27
28	---	---	---	9.663	10.451	8.531	---	---	---	---	---	---	28
29	---		---	9.481	10.651	8.503	---	---	---	---	---	---	29
30	---		---	9.391	10.689	8.551	---	---	---	---	---	---	30
31	---		---		10.863		---	---	---	---		---	31
MEAN	---	---	---	8.738	9.739	9.172	---	---	---	---	---	---	MEAN
MAX	---	---	---	10.178	10.689	10.674	---	---	---	---	---	---	MAX
MIN	---	---	---	8.130	9.250	8.503	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1983

WATER LEVELS IN METRES

MAXIMUM DAILY, 10.689 ON MAY 30

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 01 18 N
LONG 118 24 39 W

E - ESTIMATED

NATURAL FLOW

DRAINAGE AREA,
8 830 km²

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 500.000 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

KETTLE RIVER NEAR LAURIER - STATION NO. 08NN012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	13.0B	24.8	62.0	127	384	748	180	75.0	34.0	24.5	24.1	37.4	1
2	14.2B	24.2	62.8	131	389	677	174	69.7	32.3	24.0	27.7	32.8B	2
3	15.9B	23.4	83.4	135	389	620	190	65.1	33.7	23.5	33.1	24.9B	3
4	17.0B	17.0B	86.3	131	385	615	185	80.8	40.8	23.0	48.7	22.9B	4
5	16.7B	12.5B	72.8	131	377	436	156	56.9	39.4	22.7	59.7	27.9B	5
6	16.7B	14.2B	76.7	133	398	394	158	53.8	37.4	22.3	56.6	35.4	6
7	16.7B	17.0B	82.4	142	450	379	163	50.1	40.8	22.0	52.4	35.1	7
8	16.7B	19.8B	85.8	184	481	394	157	47.3	37.7	21.7	48.7	34.5	8
9	19.3B	23.2	93.7	171	447	402	148	44.7	35.7	21.4	45.6	34.3	9
10	19.8B	23.1	138	168	389	382	150	43.3	34.8	21.0	44.5	37.1	10
11	19.8B	22.9	210	159	374	368	135	48.7	35.1	20.8	48.2	37.7	11
12	19.8B	23.7	213	150	360	323	129	57.5	36.5	20.3	48.7	37.8	12
13	18.7B	26.3	192	143	354	280	134	72.8	42.5	20.0	49.8	38.5	13
14	18.1B	26.9	176	138	357	261	155	86.0	42.5	19.8	48.7	38.2	14
15	17.0B	27.6	164	136	365	268	150	56.9	39.6	19.6	49.6	37.4	15
16	15.4B	28.9	152	140	382	351	144	81.0	38.8	19.4	51.8	32.6	16
17	15.9B	30.6	144	152	402	331	141	68.7	38.2	19.6	57.5	28.9B	17
18	17.0B	31.7	137	173	405	323	133	63.3	34.5	19.9	66.8	22.7B	18
19	18.7B	32.3	131	207	388	303	123	60.8	33.7	19.9	67.4	18.4B	19
20	19.8	32.6	129	247	379	249	114	58.5	32.8	20.4	64.8	15.6B	20
21	20.0	33.4	119	266	419	222	111	58.2	32.0	20.3	60.9	14.2B	21
22	20.0	35.1	116	320	498	213	107	54.8	31.1	20.9	56.6	13.3B	22
23	20.3	35.7	113	345	530	203	99.1	53.4	30.6	21.7	56.6	12.7B	23
24	20.3	38.5	114	419	575	204	92.6	52.6	29.7	24.3	64.7	12.2B	24
25	20.5	45.0	112	558	628	225	88.9	51.7	28.9	25.8	64.1	15.6E	25
26	21.2	54.4	111	580	671	208	91.2	51.1	27.8	24.3	52.4	18.4E	26
27	23.1	59.2	111	507	685	189	82.9	51.7	26.9	23.2	52.1	21.2E	27
28	25.8	61.4	115	447	674	180	88.9	56.5	26.8	23.0	50.7	24.1E	28
29	27.0		117	408	728	178	86.9	57.7	25.3	22.8	48.7	26.9E	29
30	25.8		123	388	784	181	87.8	57.9	24.9	22.5	44.2	28.3E	30
31	25.2		128		807		81.3	56.7		22.5		31.1E	31
TOTAL	604.4	845.4	3 728.7	7 336	14 870	10 005	4 059.6	1 487.7	1 021.8	677.0	1 525.2	848.2	TOTAL
MEAN	19.5	30.2	120	245	480	334	131	47.3	34.1	21.8	50.8	27.3	MEAN
MAX	27.0	61.4	213	580	807	748	190	75.0	42.5	25.9	67.4	38.5	MAX
MIN	13.0	12.5	62.0	127	354	178	81.3	31.1	24.9	19.4	24.1	12.2	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 129
MAXIMUM DAILY, 807 ON MAY 31
MINIMUM DAILY, 12.2B ON DEC 24
MAXIMUM INSTANTANEOUS,
821 AT 18:00 PST ON MAY 31

SUMMARY FOR THE YEAR 1983

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 59 04 N
LONG 118 12 55 W
DRAINAGE AREA, 9 840 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	52 200	JUL	351 000
FEB	73 000	AUG	127 000
MAR	322 000	SEP	88 300
APR	634 000	OCT	58 500
MAY	1 280 000	NOV	132 000
JUN	864 000	DEC	73 100

TOTAL DISCHARGE, 4 090 000 dam³

KETTLE RIVER NEAR WESTBRIDGE - STATION NO. 08NN025

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	34.1	95.0	232	47.2	19.9	9.81	---	---	---	1
2	---	---	---	32.7	86.9	219	49.0	15.4	9.85	---	---	---	2
3	---	---	---	26.2	97.2	181	82.7	16.5	16.1	---	---	---	3
4	---	---	---	24.1	93.3	142	52.8	15.2	14.7	---	---	---	4
5	---	---	---	26.9	91.3	124	46.0	13.5	13.3	---	---	---	5
6	---	---	---	25.5	102	113	38.8	13.6	15.8	---	---	---	6
7	---	---	---	28.2	112	119	48.5	10.8	14.5	---	---	---	7
8	---	---	---	35.8	121	125	40.0	8.89	9.81	---	---	---	8
9	---	---	---	35.7	111	128	44.4	9.89	9.77	---	---	---	9
10	---	---	---	33.3	99.9	110	40.4	8.29	11.9	---	---	---	10
11	---	---	---	30.7	97.1	116	34.8	11.4	12.8	---	---	---	11
12	---	---	---	27.7	92.5	90.6	32.2	21.2	17.5	---	---	---	12
13	---	---	---	27.0	92.0	87.2	35.7	23.3	15.5	---	---	---	13
14	---	---	---	25.3	94.2	76.6	53.6	15.9	13.9	---	---	---	14
15	---	---	---	26.0	94.3	79.3	48.2	12.6	18.0	---	---	---	15
16	---	---	---	27.0	103	136	44.8	12.0	13.1	---	---	---	16
17	---	---	---	29.8	110	100	41.8	11.8	12.5	---	---	---	17
18	---	---	---	34.7	110	111	39.8	8.81	11.8	---	---	---	18
19	---	---	---	44.3	109	88.4	35.2	8.83	11.5	---	---	---	19
20	---	---	---	57.5	105	71.1	31.8	9.38	9.14	---	---	---	20
21	---	---	---	63.4	140	65.7	33.6	7.48	8.80	---	---	---	21
22	---	---	---	70.3	156	65.9	28.8	7.42	9.07	---	---	---	22
23	---	---	---	74.2	177	68.9	28.3	8.83	7.80	---	---	---	23
24	---	---	---	86.0	181	82.8	24.2	8.33	8.61	---	---	---	24
25	---	---	---	139	213	88.5	24.0	7.94	8.54	---	---	---	25
26	---	---	---	132	220	58.7	22.4	8.83	4.83	---	---	---	26
27	---	---	---	118	220	51.3	26.3	13.0	7.28	---	---	---	27
28	---	---	---	108	234	52.7	24.0	11.4	9.81	---	---	---	28
29	---	---	---	94.3	249	47.6	27.7	13.4	7.14	---	---	---	29
30	---	---	---	83.3	259	56.0	24.7	11.0	8.31	---	---	---	30
31	---	---	---		255		22.6	10.8		---	---	---	31
TOTAL	---	---	---	1 909.0	4 340.7	3 036.5	1 150.3	372.83	335.67	---	---	---	TOTAL
MEAN	---	---	---	63.6	140	101	37.1	12.0	11.2	---	---	---	MEAN
MAX	---	---	---	139	259	232	82.5	23.3	17.5	---	---	---	MAX
MIN	---	---	---	24.1	91.3	47.6	22.4	8.89	4.83	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 259 ON MAY 30

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 13 48 N
LONG 118 55 38 W
DRAINAGE AREA, 2 150 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	99 400
FEB	---	AUG	32 200
MAR	---	SEP	29 000
APR	139 000	OCT	---
MAY	375 000	NOV	---
JUN	262 000	DEC	---

KICKING HORSE RIVER AT GOLDEN - STATION NO. 08NA006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	6.210	6.050	5.30	6.02	22.8	186	105	91.8	70.6	19.1	17.7	8.350	1
2	6.300	5.780	5.40	5.84	23.0	167	94.9	117	74.8	18.9	16.5	8.190	2
3	6.270	6.320	6.46	5.83	24.2	148	110	110	80.3	18.4	18.4	8.220	3
4	6.240	5.000	6.72	6.82	24.7	132	111	94.6	63.3	18.1	20.4	8.180	4
5	6.260	4.110	6.67	5.98	26.9	118	110	91.8	53.7	17.3	20.3	8.270	5
6	6.460	4.000	6.44	6.15	27.6	112	112	88.1	44.9	16.6	18.7	8.010	6
7	6.550	5.000	6.35	7.40	23.6	116	132	95.0	41.7	16.2	17.8	8.710	7
8	6.670	6.120	6.26	6.00	25.8	133	126	94.5	38.3	15.6	16.9	7.070	8
9	6.800	6.110	6.30	7.43	33.7	132	111	98.0	36.1	15.4	16.1	7.380	9
10	6.980	5.050	7.09	6.65	31.7	124	92.8	98.8	33.7	15.9	15.1	7.670	10
11	7.090	5.940	8.13	6.63	30.7	114	87.8	106	31.8	14.7	16.8	7.980	11
12	7.200	6.250	7.61	6.24	30.6	95.2	165	123	31.1	14.2	14.4	8.160	12
13	7.340	6.310	6.69	5.99	32.3	88.9	168	103	30.6	13.9	14.1	8.350	13
14	7.400	6.360	6.84	6.15	34.9	85.5	166	100	30.4	14.5	13.6	8.260	14
15	7.590	6.350	6.80	6.42	34.9	87.1	174	90.2	29.6	15.3	13.2	8.180	15
16	7.720	6.210	6.78	7.07	38.9	111	148	88.1	30.1	14.3	13.0	8.090	16
17	7.840	6.020	6.75	7.24	40.3	109	127	72.8	29.5	13.2	13.1	8.000	17
18	8.150	5.820	6.03	8.94	60.1	110	115	73.3	27.4	13.3	13.2	8.230	18
19	7.500	5.800	6.34	11.0	38.9	90.0	112	83.7	26.4	12.8	13.0 A	[illegible]	19
20	7.130	5.740	5.72	12.2	39.5	90.1	117	84.3	24.1	12.6	12.3 E	7.100	20
21	7.080	5.800	6.03	16.1	46.8	88.6	112	83.5	23.3	12.8	11.5 E	7.080	21
22	7.020	5.560	5.37	18.9	47.5	85.5	102	80.1	22.3	13.3	11.0 E	7.070	22
23	7.010	5.580	5.86	18.3	58.5	79.2A	100	58.6	22.1	16.4	10.9 A	7.040	23
24	7.000	5.780	5.89	21.3	74.1	103	103	62.3	21.7	13.2	10.7	7.080	24
25	7.150	6.47	5.99	24.7	90.1	108	113	65.9	21.0	12.9	10.6	7.130	25
26	7.200	5.88	5.65	30.1	108	85.3	110	60.0	23.5	15.1	10.8	7.160	26
27	7.200	6.40	5.52	25.6	113	81.1	93.4	80.4	25.1	14.6	10.6	7.180	27
28	7.200	6.33	5.51	23.6	131	83.2	80.5	80.2	23.3	15.2	9.59	7.180	28
29	6.880		5.52	22.6	188	83.0	80.1	58.2	21.0	14.2	7.38	7.180	29
30	6.800		5.58	23.9	262	108	80.0	57.3	18.6	13.8	6.820	7.200	30
31	7.000		5.98		305		84.0	85.8A		14.8		7.380	31
TOTAL	217.48	165.42	184.89	374.57	1 887.2	3 331.9	3 557.9	2 544.5	1 040.7	452.0	410.80	234.85	TOTAL
MEAN	7.01	5.94	6.29	12.5	60.9	108	115	82.1	34.7	14.6	13.7	7.26	MEAN
MAX	8.15	6.95	8.13	24.7	305	186	186	123	74.8	19.1	20.4	8.35	MAX
MIN	6.24	4.00	5.34	5.82	22.8	88.6	80.0	57.3	18.6	12.6	6.82	6.15	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 39.3
MAXIMUM DAILY, 305 ON MAY 31
MINIMUM DAILY, 4.000 ON FEB 6
MAXIMUM INSTANTANEOUS,
219 AT 06.35 MST ON MAY 31

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 17 58 N
LONG 116 56 40 W
DRAINAGE AREA, 1 850 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	18 800	JUL	310 000
FEB	14 400	AUG	220 000
MAR	16 000	SEP	90 000
APR	32 400	OCT	39 000
MAY	163 000	NOV	35 500
JUN	279 000	DEC	19 400

TOTAL DISCHARGE, 1 240 000 dam³

KINBASKET LAKE AT MICA DAM - STATION NO. 08ND017

DAILY WATER LEVEL IN METRES FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	750.005	746.330	742.738	738.477	736.163	740.098	747.096	753.467A	754.138A	753.498A	750.425	747.564	1
2	749.943	746.117	742.587	738.342	736.184	740.485	748.196	753.489A	754.170A	753.614A	750.362	747.330	2
3	749.902	745.887	742.474	738.200	736.210	740.772	748.432	753.526A	754.100A	753.623A	750.305	747.140	3
4	749.782	745.660	742.349	738.153	736.244	741.082	748.726	753.508A	754.130A	753.462	750.249	746.985	4
5	749.717	745.438	742.228	738.018	736.284	741.421	749.012	753.478A	754.080A	753.422	750.221	746.780	5
6	749.686	745.267	742.131	737.889	736.262	741.888	749.301	753.458A	754.020A	753.311	750.295	746.552	6
7	749.671	745.085	742.018	737.749	736.320	741.920	749.583	753.417A	753.981A	753.206	750.207	746.343	7
8	749.640	744.903	741.860	737.580	736.438	742.190	749.885	753.408A	753.858A	753.144	750.085	746.133	8
9	749.616	744.701	741.707	737.378	736.527	742.454	750.175	753.461A	753.731A	753.130	749.831	745.910	9
10	749.566	744.520	741.587	737.209	736.533	742.604	750.424	753.500A	753.700A	753.169	749.616	745.740	10
11	749.463	744.385	741.472	737.082	736.538	742.873	750.814A	753.630A	753.670A	753.162	749.723	745.625	11
12	749.413	744.270	741.351	736.984	736.651	743.240	751.468A	753.670A	753.649A	753.003	749.686	745.483	12
13	749.334	744.233	741.249	736.881	736.569	743.486	751.857A	753.691A	753.648A	752.815	749.666	745.362	13
14	749.226	744.169	741.137	736.753	736.676	743.641	751.949A	753.700A	753.661A	752.825	749.628	745.276	14
15	749.095	744.065	741.017	736.612	736.767	743.838	752.390A	753.728A	753.670A	752.438	749.566	745.160	15
16	748.962	743.967	740.877	736.526	736.864	744.080	752.460A	753.731A	753.700A	752.249	749.525	745.033	16
17	748.730	743.835	740.744	736.460	736.861	744.330	752.908A	753.731A	753.761A	752.082	749.471	744.884	17
18	748.607	743.724	740.615	736.461	736.882	744.385	752.527A	753.740A	753.769A	751.866	749.437	744.761	18
19	748.486	743.623	740.492	736.274	736.832	744.999	752.800A	753.770A	753.770A	751.666	749.423	744.601	19
20	748.343	743.554	740.390	736.300	736.869	745.258	752.919A	753.810A	753.718A	751.470	749.380	744.386	20
21	748.186	743.488	740.272	736.245	737.065	745.457	753.097A	753.850A	753.679A	751.273	749.246	744.187	21
22	748.036	743.400	740.116	736.163	737.196	745.650	753.218A	753.829A	753.630A	751.080	749.169	743.926	22
23	747.887	743.329	739.965	736.160	737.377	745.863	753.318A	753.980A	753.581A	750.920	748.984	743.702	23
24	747.682	743.271	739.807	736.17[illegible]	737.682	746.122	753.388A	753.990A	753.568A	750.761	748.815	743.482	24
25	747.480	743.200	739.635	736.10[illegible]	737.730	746.390	753.488A	754.011A	753.551A	750.665	748.831	743.252	25
26	747.300	743.066	739.465	736.109	737.951	746.640	753.408A	754.011A	753.551A	750.620	748.467	743.059	26
27	747.160	742.867	739.287	736.143	738.144	746.854	753.407A	754.011A	753.520A	750.604	748.303	742.879	27
28	747.005	742.681	739.118	736.131	738.381	747.068	753.447A	754.028A	753.490A	750.532	748.138	742.676	28
29	746.858		738.959	736.107	738.787	747.298	753.398A	754.051A	753.481A	750.474	747.984	742.445	29
30	746.669		738.789	736.119	739.220	747.598	753.398A	754.088A	753.450A	750.439	747.781	742.285	30
31	746.520		738.637		739.680		753.417A	754.109A		750.429		742.144	31
MEAN	748.645	744.287	740.803	736.904	737.083	744.008	751.012	753.743	753.790	752.083	749.442	744.872	MEAN
MAX	750.005	746.330	742.738	738.477	739.680	747.598	753.480	754.109	754.170	753.623	750.425	747.564	MAX
MIN	746.520	742.681	738.637	736.107	736.163	740.098	747.096	753.408	753.450	750.429	747.781	742.144	MIN

SUMMARY FOR THE YEAR 1983

WATER LEVELS IN METRES

MEAN, 746.408
MAXIMUM DAILY, 754.170A ON SEP 2
MINIMUM DAILY, 736.107 ON APR 29

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 04 41 N
LONG 118 33 42 W

A - MANUAL GAUGE

REGULATED SINCE 1973

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

KINBASKET LAKE BELOW GARRETT CREEK - STATION NO. 08ND017

DAILY WATER LEVEL IN METRES FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	749.710	745.100	742.544	738.340	735.833E	739.822	747.571	753.835	753.909E	753.297E	750.151	747.357	1
2	749.663	745.923	742.357	738.296	735.904E	740.157	747.885	753.936E	753.940A	753.318E	750.114	747.132	2
3	749.616	745.708	742.292	738.128	735.980E	740.482	748.151	753.956E	753.930E	753.326E	750.082	746.950	3
4	749.486	745.479	742.257	738.030	736.014E	740.800	748.445	753.928E	753.900E	753.284E	750.063	746.779	4
5	749.420	745.251	742.143	737.850	736.024E	741.121	748.723	753.690E	753.830E	753.225E	750.055	746.602	5
6	749.403	745.081	742.046	737.763	736.033E	741.278	749.006	753.450E	753.790E	753.114E	750.023	746.471	6
7	749.378	744.925	741.950A	737.637	736.090E	741.617	749.222	753.411E	753.751E	753.012E	749.948	746.311	7
8	749.355	744.737	741.799E	737.431	736.206E	741.866	749.623	753.393E	753.829E	752.949E	749.833	746.083	8
9	749.354	744.527	741.631E	737.242	736.287E	742.125	749.914	753.487E	753.801E	752.938E	749.673	745.885	9
10	749.313	744.363	741.476E	737.073	736.303E	742.383	750.176	753.527E	753.470E	752.888E	749.644	745.887	10
11	749.226	744.216	741.338E	736.905	736.308E	742.635	750.438	753.560E	753.469E	752.870E	749.488	745.655	11
12	749.162	744.123	741.190E	736.732A	736.321E	742.911	750.894	753.519E	753.418E	752.810E	749.440	745.411	12
13	749.081	744.075	741.063E	736.551E	736.350E	743.121	751.486	753.631E	753.418E	752.529E	749.420	745.262	13
14	748.979	744.021	740.922A	736.573E	736.448E	743.280	751.844	753.631E	753.431E	752.435E	749.278	745.186	14
15	748.911	743.914	740.840A	736.362E	736.567E	743.484	752.070	753.647E	753.446E	752.247E	749.306	745.077	15
16	748.802	743.781	740.649	736.290E	736.614E	743.694	752.185	753.644E	753.470E	752.081E	749.283	744.908	16
17	748.682	743.659	740.512	736.269E	736.631E	743.948	752.270	753.635E	753.531E	751.874A	749.234	744.884	17
18	748.356	743.557	740.378	736.221E	736.652A	744.290	752.310	753.635E	753.559E	751.674E	749.187	744.720	18
19	748.248	743.452	740.257	736.164E	736.710	744.590	752.382	753.656E	753.540E	751.470E	749.179	744.571	19
20	748.116	743.374	740.168	736.076E	736.748	744.848	752.565	753.687E	753.489E	751.271E	749.155	744.380	20
21	748.863	743.318	740.073	736.018E	735.841	745.083	752.869	753.727E	753.449E	751.071E	749.108	744.148	21
22	748.634	743.223	739.913	735.902E	735.961	745.271	753.115	753.766E	753.400E	750.893E	748.934	743.931	22
23	748.084	743.142	739.772	735.938E	737.150	745.481	753.227	753.800E	753.361E	750.729E	748.759	743.691	23
24	748.619	743.085	739.622	735.847E	737.226	745.760	753.288	753.831E	753.330E	750.537E	748.570	743.482	24
25	748.286	743.016	739.480	735.866E	737.507	746.032	753.380	753.843E	753.321E	750.446E	748.404	743.220	25
26	748.087	742.882	739.298	735.838E	737.720	746.290	753.400	753.834E	753.321E	750.398E	748.240	742.998	26
27	748.948	742.787	739.124	735.813E	737.916	746.503	753.475	753.825E	753.290E	750.278A	748.105	742.836	27
28	748.803	742.693	738.958	735.801E	738.147	746.728	753.455	753.844E	753.290E	750.280	747.953	742.601	28
29	748.658		738.800	735.877E	738.621	746.982	753.441	753.847E	753.281E	750.206	747.753	742.417	29
30	748.503		738.645	735.880E	738.989	747.253	753.436	753.866E	753.220E	750.172	747.587	742.211	30
31	748.321		738.501		739.418		753.463	753.887E		750.170		742.064A	31
MEAN	748.902	744.088	740.647	736.711	736.882	743.083	751.416	753.658	753.620	751.875	749.200	744.801	MEAN
MAX	749.710	745.100	742.544	738.340	739.418	747.253	753.475	753.887	753.940	753.326	750.151	747.357	MAX
MIN	748.321	742.693	738.501	735.877	735.833	739.822	747.571	753.393	753.220	750.170	747.587	742.064	MIN

SUMMARY FOR THE YEAR 1983

WATER LEVELS IN METRES

MEAN, 746.259
MAXIMUM DAILY, 753.940A ON SEP 2
MINIMUM DAILY, 735.877E ON APR 29

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 53 00 N
LONG 117 53 30 W

A - MANUAL GAUGE
E - ESTIMATED
REGULATED

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

KIRBYVILLE CREEK NEAR THE MOUTH - STATION NO. 08ND019

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.929B	0.889	1.23	1.41	5.24	23.3	19.2	15.8	7.24	4.98	7.30E	2.28E	1
2	0.920B	0.858	1.22	1.44	5.92	21.2	17.7	14.2	8.05	4.87	5.64E	2.19E	2
3	0.960B	0.895	1.19	1.48	6.19	20.3	19.6	13.4	9.08	4.81	5.70E	2.14E	3
4	1.00 B	0.863	1.19	1.57	6.19	18.2	19.0	11.2	7.18	4.49	6.98E	2.10E	4
5	1.06 B	0.895B	1.19	1.57	6.17	18.0	17.8	10.3	6.50	4.40	6.40E	2.06E	5
6	1.07 B	0.880B	1.17	1.59	6.81	18.0	18.6	9.86	6.32	4.38	5.40E	2.00E	6
7	1.08	0.875B	1.16	1.74	7.27	20.2	18.1	9.04	6.27	4.29	4.90E	1.95E	7
8	1.14	0.870B	1.19	1.61	6.81	18.7	18.1	8.65	6.14	4.18	4.35E	1.90E	8
9	1.14	0.910B	1.30	1.73	6.01	17.9	16.7	9.03	6.09	4.19	4.00E	1.93E	9
10	1.12	0.860B	1.60	1.66	6.43	19.0	15.2	9.26	5.97	4.10	3.80E	1.92E	10
11	1.11	1.23	1.72	1.56	6.26	16.2	53.3	8.74	5.90	4.00	3.50E	1.91E	11
12	1.10	1.27	1.61	1.55	6.61	14.0	63.4	8.54	5.88	4.04	3.80E	1.88E	12
13	1.13	1.26	1.54	1.54	6.63	14.2	48.1	8.76	5.90	3.98	3.60E	1.85E	13
14	1.03	1.25	1.53	1.53	6.38	15.2	35.7	8.79	5.85	3.87	3.40E	1.78E	14
15	1.00 B	1.23	1.55	1.57	6.70	16.5	24.9	8.39	5.61	3.81	3.90E	1.70E	15
16	0.950B	1.21	1.54	1.82	7.74	17.0	18.8	8.17	5.48	3.74	4.00E	1.60E	16
17	0.995	1.17	1.48	1.82	8.46	23.5	16.0	8.66	5.55	3.66	4.40E	1.55E	17
18	0.952	1.21	1.40	2.00	8.19	25.3	14.8	7.92	5.49	3.68A	4.65E	1.46E	18
19	0.921	1.26	1.38	2.50	7.60	20.1	14.7	7.60	5.28	3.70E	4.30E	1.37E	19
20	0.948	1.21	1.33	2.96	8.76	15.6	15.5	7.65	5.37	3.65E	4.05E	1.30E	20
21	0.987	1.19	1.29	3.63	10.0	12.7	16.0	7.65	5.26	3.90E	3.70E	1.24E	21
22	0.965	1.29	1.26	3.80	10.5	11.6	15.8	7.90	5.22	4.00E	3.90E	1.20E	22
23	0.969	1.22	1.26	3.64	13.6	18.4	15.5	7.54	5.21	5.00E	3.30E	1.16E	23
24	0.936	1.23	1.28	4.67	15.1	18.6	15.2	7.27	5.17	5.30E	3.30E	1.12E	24
25	0.986	1.22	1.29	5.90	17.2	16.7	15.7	7.33	5.07	5.00E	3.00E	1.11E	25
26	0.984	1.40	1.34	5.85	16.4	12.8	21.8	7.23	4.81	6.00E	2.85E	1.11E	26
27	0.979	1.34	1.29	4.31	15.7	12.2	18.7	7.11	4.88	6.85E	2.70E	1.13E	27
28	0.981	1.32	1.28	4.21	18.7	15.7	14.9	7.06	4.63	5.80E	2.80E	1.18E	28
29	0.977		1.32	4.38	21.8	18.6	13.8	7.07	4.78	6.30E	2.40E	1.16E	29
30	0.968		1.37	5.33	24.9	22.3	12.7	6.96	4.66	6.50E	2.30E	1.23E	30
31	0.988		1.42		24.2		12.7	6.90		6.78A		1.27E	31
TOTAL	30.008	31.686	41.86	79.18	319.32	524.5	649.0	276.86	177.02	145.75	133.00	49.75	TOTAL
MEAN	0.968	1.13	1.35	2.64	10.3	17.5	20.9	8.90	5.90	4.70	4.10	1.60	MEAN
MAX	1.14	1.40	1.72	5.90	24.9	25.3	63.4	15.8	9.08	6.85	7.30	2.28	MAX
MIN	0.877	0.858	1.17	1.41	5.24	11.6	12.7	6.90	4.66	3.64	2.30	1.11	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.71
MAXIMUM DAILY, 63.4 ON JUL 12
MINIMUM DAILY, 0.858 ON FEB 2
MAXIMUM INSTANTANEOUS,
128 ON JUL 12

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 38 22 N
LONG 118 40 14 W
DRAINAGE AREA, 112 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	2 590	JUL	56 100
FEB	2 730	AUG	23 900
MAR	3 620	SEP	15 300
APR	6 840	OCT	12 600
MAY	27 600	NOV	10 800
JUN	45 300	DEC	4 300

TOTAL DISCHARGE, 211 000 dam³

KISKATINAW RIVER NEAR FARMINGTON - STATION NO. 07FD001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.320	1.700	1.370	2.100	31.8	7.21	30.5	25.2	3.60	2.71	2.05	1.31 B	1
2	2.200	1.610	1.300	2.110	30.7	6.56	40.3	21.6	3.61	2.71	2.06	1.35 B	2
3	2.300	1.585	1.310	2.160	27.6	6.07	35.5	18.6	3.50	2.65	2.57	1.43 B	3
4	2.170	1.520	1.320	2.200	26.9	5.76	33.3	16.6	3.44	2.75	2.56	1.44 B	4
5	2.300	1.650	1.300	2.760	24.1	5.63	56.3	15.4	3.10	2.79	2.380	1.63 B	5
6	2.000	1.420	1.330	3.000	22.4	5.30	45.0	14.7	3.21	2.77	2.050	1.05 B	6
7	2.140	1.350	1.200	2.960	21.1	5.30	47.7	13.0	3.26	2.70	2.750	1.33 B	7
8	1.980	1.640	1.300	2.665	20.7	5.30	60.0	11.2	3.10	2.74	2.640	1.12 B	8
9	1.650	1.570	1.360	2.610	26.5	5.35	80.0	10.2	2.90	2.00	2.510	1.13 B	9
10	1.850	1.580	1.630	2.620	30.9	5.13	73.7	9.38	2.94	3.04	2.000	1.33 B	10
11	2.000	1.320	1.610	2.970	43.8	5.73	54.0	8.72	2.07	2.66	2.490	1.31 B	11
12	2.020	1.600	1.610	3.400	37.8	6.09	41.7	7.41	3.11	2.75	2.420	1.30 B	12
13	1.940	1.620	1.600	4.000	33.8	6.01	36.0	6.60	3.07	2.65	2.330	1.33 B	13
14	1.940	1.610	1.590	5.500	30.1	5.82	38.3	6.11	3.05	3.15A	2.350	1.11 B	14
15	2.020	1.450	1.570	7.400	26.6	5.15	210	5.77	3.60	3.05E	2.300	1.01 B	15
16	1.840	1.400	1.560	10.0 B	24.5	6.38	210	5.35	3.14	4.18E	2.320	0.9500 B	16
17	1.900	1.270	1.560	13.5 B	22.4	5.77	140	5.09	3.24	4.60A	2.310	0.9000 B	17
18	1.860	1.360	1.630	16.5 B	20.7	5.07	96.2	4.63	3.20	4.70	2.300	0.9000 B	18
19	1.670	1.470	1.530	20.9	18.2	5.09	74.6	4.48	3.16	4.75	2.000	1.02 B	19
20	2.000	1.570	1.440	27.2	17.8	12.8	60.7	4.24	3.20	4.61	2.440	1.12 B	20
21	1.660	1.610	1.300	33.4	16.3	67.7	80.1	4.03	3.30	4.37	1.870	1.11 B	21
22	1.660	1.670	1.410	33.8	15.8	80.3	56.5	3.86	3.50	4.35	1.700	1.06 B	22
23	1.620	1.640	1.400	29.2	15.2	88.3	46.8	3.66	3.56	4.30	1.560	1.01 B	23
24	1.620	1.610	1.510	30.2	14.1	63.8	39.4	3.47	3.35	4.35	1.460	1.00 B	24
25	1.460	1.640	1.600	27.4	13.1	60.3	34.4	3.31	3.30	4.10	1.400	1.00 B	25
26	1.600	1.605	1.700	28.9	12.3	80.6	31.8	3.03	3.22	4.01	1.580	1.21 B	26
27	1.480	1.210	1.730	27.6	11.1	80.7	31.1	2.85	3.14	3.00	1.550	1.16 B	27
28	1.730	1.200	1.730	33.4	10.2	83.4	60.6	2.75	3.00	3.05	1.420	1.16 B	28
29	1.750		1.000	31.3	8.43	41.8	52.4	2.74	2.67	3.73	1.350	1.15 B	29
30	1.610		1.000	50.8	8.60	34.4	41.7	2.61	2.73	3.03	1.310	1.16 B	30
31	1.000		1.020		7.95		22.8	2.60		3.00		1.16 B	31
TOTAL	58.67	42.05	47.79	510.21	679.63	709.60	2 077.7	254.38	96.60	110.49	66.30	38.455	TOTAL
MEAN	1.89	1.54	1.54	17.0	21.9	23.7	67.0	8.20	3.22	3.56	2.21	1.16	MEAN
MAX	2.32	1.70	1.63	33.8	43.8	88.6	210	25.2	3.61	4.75	2.88	1.63	MAX
MIN	1.42	1.21	1.29	2.10	7.95	5.13	20.6	2.74	2.73	2.66	1.31	0.900	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 12.8
MAXIMUM DAILY, 210 ON JUL 15
MINIMUM DAILY, 0.9000 ON DEC 16
MAXIMUM INSTANTANEOUS,
226 AT 04:21 PST ON JUL 16

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 57 25 N
LONG 120 33 45 W
DRAINAGE AREA, 3 570 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	5 090	JUL	180 000
FEB	3 730	AUG	22 000
MAR	4 130	SEP	8 350
APR	44 100	OCT	9 550
MAY	58 700	NOV	5 000
JUN	61 300	DEC	3 150

TOTAL DISCHARGE, 406 000 dam³

KISPIOX RIVER NEAR HAZELTON - STATION NO. 08EB004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.810	5.350	8.100	12.50	103	102	83.7	75.0	24.30	37.60	25.0 B	5.310	1
2	4.520	5.300	7.900	15.20	88.4	106	76.6	66.8	26.40	37.60	24.0 B	5.070	2
3	4.720	5.240	7.840	27.30	81.0	204	76.4	66.3	33.70	39.40	26.3 B	5.920	3
4	4.640	5.160	7.770	36.00	84.8	122	106	64.6	34.40	41.00	21.7 B	5.760	4
5	4.550	5.120	7.700	30.30	75.0	80.2	79.7	40.70	40.00	60.40	20.0 B	5.850	5
6	4.460	5.060	7.640	38.50	72.4	77.3	76.0	38.80	42.60	42.00	20.4 B	5.560	6
7	4.390	5.050	7.560	44.50	75.4	88.3	80.5	45.70	63.8	40.00	24.3 B	5.510	7
8	4.630	5.020	7.530	50.50	75.3	70.4	103	40.60	37.60	37.10	23.0 B	5.440	8
9	4.870	4.890	7.450	27.30	75.0	72.1	83.7	35.30	35.60	35.80	20.0 B	5.270	9
10	4.560	4.900	7.400	33.00	73.9	103	112	37.00	33.60	37.00	17.0 B	5.300	10
11	5.000	5.050	7.300	30.20	75.0	176	115	33.30	31.70	33.40	15.0 B	5.330	11
12	5.250	5.300	7.330	30.10	74.2	155	110	35.00	31.10	30.60	14.2 B	5.160	12
13	5.150	6.000	7.300	30.30	80.4	121	95.1	26.40	32.30	30.60	13.0 B	4.860	13
14	5.200	7.000	7.240	30.00	110	79.1	74.3	62.6	34.00	29.60	11.0 B	4.920	14
15	5.200	7.400	7.200	30.70	110	86.4	67.6	43.00	33.60	30.30	11.0 B	4.900	15
16	5.100	7.340	7.160	33.00	100	130	83.2	80.4	32.30	33.60	13.0 B	4.900	16
17	5.050	7.330	7.160	35.30	83.7	96.3	81.6	114	33.10	33.00	13.0 B	4.850	17
18	5.000	7.220	7.150	37.60	81.2	83.3	33.00	72.4	30.60	33.60	13.7 B	4.800	18
19	4.950	7.150	7.120	30.20	72.6	74.1	34.40	60.1	30.70	33.60	13.0 B	4.750	19
20	5.050	7.160	7.160	37.60	104	103	40.20	60.6	30.60	33.60	11.3 B	4.700	20
21	5.100	7.050	7.000	30.60	140	83.8	37.00	60.7	30.60	33.60	10.2 B	4.600	21
22	5.350	7.000	7.060	37.60	101	81.7	30.00	61.7	30.10	34.00	9.400	4.630	22
23	5.300	7.350	7.070	50.60	90.0	77.1	36.30	43.50	30.00	34.30	8.600	4.560	23
24	5.450	7.000	7.000	53.30	87.5	83.0	36.20	37.00	30.00	33.60	8.300	4.560	24
25	5.200	6.200	7.050	56.00	83.9	76.3	36.40	41.10	34.7	34.30	7.600	4.500	25
26	5.050	6.600	7.150	80.2	70.0	130	37.30	30.70	102	33.60	7.510	4.470	26
27	5.650	6.360	7.300	83.9	67.6	102	42.00	40.60	80.0	34.50	7.320	4.440	27
28	5.580	6.300	7.300	93.1	70.0	90.2	55.00	41.60	63.7	37.30	6.030	4.410	28
29	5.470		7.000	111	123	76.9	54.10	37.60	39.70	37.30	6.640	4.300	29
30	5.440		8.000	112	201	77.6	54.10	40.30	37.00	35.10	6.350	4.300	30
31	5.420		9.000		231		56.8	34.80		43.00		4.330	31
TOTAL	155.00	180.63	232.47	1 340.6	2 830.3	3 180.5	2 080.5	1 700.7	1 262.8	962.7	404.00	155.07	TOTAL
MEAN	5.10	6.45	7.50	45.0	90.0	106	66.7	55.0	41.5	33.6	13.5	5.00	MEAN
MAX	5.60	8.00	8.00	112	231	204	115	114	102	60.4	26.4	5.91	MAX
MIN	4.40	4.86	7.00	12.5	67.6	66.9	33.6	35.2	30.5	33.6	6.35	4.33	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 44.5
MAXIMUM DAILY, 231 ON MAY 31
MINIMUM DAILY, 4.330 ON DEC 31

TYPE OF GAUGE - MANUAL
LOCATION - LAT 55 22 04 N
LONG 127 44 21 W
DRAINAGE AREA, 1 870 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	13 700	JUL	178 000
FEB	15 600	AUG	147 000
MAR	20 100	SEP	107 000
APR	117 000	OCT	85 000
MAY	243 000	NOV	42 700
JUN	273 000	DEC	13 400

TOTAL DISCHARGE, 1 320 000 dam³

KITIMAT RIVER BELOW HIRSCH CREEK - STATION NO. 08FF001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	22.60	30.4	58.1	56.8	211	232	123	108	60.2	71.8	143	26.9	1
2	22.00	30.8	56.6	60.2	280	248	119	87.4	62.8	80.2	133	30.8	2
3	22.70	33.6	43.0	58.4	176	184	104	138	110	90.2	102	26.0	3
4	22.70	33.5	38.5	64.5	151	166	102	98.7	87.6	133	266	27.3	4
5	22.00	39.4	35.3	20.5	126	133	104	81.2	80.4	98.0	193	34.7	5
6	23.50	29.1	22.6	116	120	154	85.6	132	171	75.6	144	24.10	6
7	40.40	28.4	31.7	166	130	165	135	128	109	52.4	116	23.80	7
8	214 A	29.0	30.00	75.0	114	185	127	101	89.4	60.1	95.8	23.00	8
9	182	26.3	30.20	57.7	91.6	207	118	91.6	82.7	71.2	80.4	22.50	9
10	64.5	27.0	29.40	47.6	90.2	282	216	82.2	82.0	67.2	70.0	22.00	10
11	216	20.9	29.20	41.8	168	102	288	68.8	67.6	49.1	70.8	21.80	11
12	260	43.3	23.80	38.2	135	102	172	76.8	96.0	46.8	75.7	21.10	12
13	133	110	44.00	38.6	176	102	185	68.8	120	46.0	64.3	20.80	13
14	90.6	106	64.00	38.7	215	104	150	72.2	125	41.0	56.8	20.30	14
15	73.1	130	60.00	40.4	173	107	121	62.6	90.2	37.2	66.3	20.00	15
16	90.1	80.0	73.9	48.6	171	180	118	131	150	41.7	168	19.80	16
17	83.1	78.3	80.6	67.6	161	164	119	104	80.4	90.8	135	19.20	17
18	85.6	68.6	80.6	72.3	126	136	129	95.1	64.1	76.8	92.6	19.00	18
19	84.6	60.7	69.2	70.1	129	151	124	116	60.1	173	76.8	18.70	19
20	85.0	59.6	63.6	60.1	272	110	115	118	64.7	204	62.2	18.30	20
21	71.2	62.3	51.6	67.1	265	100	105	82.6	60.3	264	52.5	18.00	21
22	60.4	60.6	46.6	68.7	187	110	99.7	73.2	63.1	286	47.6	17.70	22
23	53.50	54.6	40.7	70.2	162	161	90.6	67.0	63.6	284	46.3	17.40	23
24	50.50	133	37.6	136	167	162	72.7	58.6	108	204	42.6	17.10	24
25	44.50	112	36.7	180	213	189	76.1	60.3	776	731	39.6	16.80	25
26	44.50	85.1	30.3	186	168	182	73.7	64.0	631	402	34.5	16.70	26
27	44.00	71.2	30.3	180	131	122	60.0	61.1	334	312	36.2	16.50	27
28	42.60	65.0	41.6	170	176	125	66.4	108	180	186	36.6	16.40	28
29	40.50		46.6	211	201	138	70.4	108	90.0	202	33.6	16.10	29
30	39.0		46.7	266	266	102	83.0	78.6	76.7	243	28.4	15.80	30
31	38.1		63.0		282		100	71.2		207		15.60	31
TOTAL	2 190.0	1 880.1	1 402.4	2 668.0	5 480.1	4 762	3 534.4	2 905.1	4 271.9	4 767.0	2 670.5	625.1	TOTAL
MEAN	70.6	66.9	45.2	88.9	177	159	114	93.7	142	154	89.0	20.2	MEAN
MAX	260	134	73.9	211	280	248	216	138	631	731	266	28.6	MAX
MIN	22.7	27.0	29.4	20.7	90.2	100	64.4	58.2	60.7	37.2	28.4	15.6	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 102
MAXIMUM DAILY, 831 ON SEP 25
MINIMUM DAILY, 15.60 ON DEC 31
MAXIMUM INSTANTANEOUS,
1 700 AT 02:22 PST ON SEP 25

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 02 24 N
LONG 128 40 20 W
DRAINAGE AREA, 1 990 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	189 000	JUL	300 000
FEB	156 000	AUG	251 000
MAR	121 000	SEP	360 000
APR	230 000	OCT	412 000
MAY	474 000	NOV	231 000
JUN	412 000	DEC	54 000

TOTAL DISCHARGE, 3 210 000 dam³

KITSAULT RIVER ABOVE KLAYDUC CREEK - STATION NO. 08DD011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.00	2.640	6.29	4.78	20.2	62.0	31.4	29.5	31.1	18.1	15.7	3.710	1
2	2.70	2.560	6.16	4.64	20.5	66.0	30.7	27.4	27.6	16.8	16.0	3.660	2
3	2.60	2.520	5.03	4.00	22.2	55.0	29.7	25.6	47.1	27.3	15.5	3.090	3
4	2.30	2.400	5.00	5.75	20.5	34.0	28.6	22.6	56.7	24.5	14.7	3.000	4
5	2.20	3.400	5.02	9.61	16.0	31.3	30.5	22.2	42.0	22.6	14.0	3.420	5
6	2.30	2.360	5.22	11.1	21.6	29.0	25.7	22.6	40.5	17.3A	13.7	3.370	6
7	2.50	2.380	5.13	9.12	29.1	32.3	33.3	33.7	40.5	17.6E	13.5	3.310	7
8	5.02	2.340	5.00	7.11	24.6	34.0	29.0	24.6	30.7	16.6E	13.6	3.240	8
9	4.02	3.320	4.80	6.22	26.3	60.7	33.2	26.1	29.2	15.5E	13.2	3.200	9
10	3.00	3.300	4.60	5.60	24.5	34.3	30.2	27.0	27.2	14.6E	11.0	3.160	10
11	5.02	3.260	4.86	5.20	20.5	40.2	30.7	27.7	27.5	14.3E	11.4	3.110	11
12	6.01	2.400	5.23	5.60	25.3	28.5	27.6	26.7	33.2	14.1E	10.6	3.040	12
13	6.70	2.900	5.70	4.82	41.2	33.6	24.7	40.2	31.4	13.6E	10.2	3.010	13
14	6.04	2.400	5.17	6.10	61.6	31.5	26.2	31.5	28.5	12.5E	9.04	2.960	14
15	6.07	5.800	5.16	6.10	51.2	40.4	25.0	30.2	35.1	11.6E	8.32	2.910	15
16	6.30	5.500	4.50	7.60	60.8	42.0	22.3	46.5	35.0	11.3E	8.00	2.880	16
17	3.25	5.400	4.30	11.0	33.5	36.1	23.3	69.3	24.2	12.0E	8.30	2.630	17
18	3.60	5.300	4.90	13.6	16.5	33.5	36.0	33.3	21.3	14.0E	7.44	2.600	18
19	6.30	5.300	4.75	11.2	12.6	34.6	20.0	66.3	20.2	12.6E	7.16	2.730	19
20	4.80A	5.100	4.70	9.48	72.6	30.1	23.0	38.7	27.7	22.7A	6.64	2.700	20
21	4.700	5.250	0.34	9.01	40.0	33.5	23.5	31.6	20.2	22.0	5.83	2.650	21
22	4.650	5.020	4.13	11.0	35.0	29.6	27.7	28.6	21.6	20.4	5.64	2.670	22
23	4.500	7.63	4.45	16.0	61.5	47.2	25.0	26.4	22.7	19.5	5.33	2.650	23
24	4.300	7.51	4.16	16.0	43.3	63.6	24.5	40.7	20.6	19.2	5.10	2.630	24
25	4.200	7.63	3.51	27.6	42.0	40.2	30.3	30.1	20.6	19.2	4.86	2.610	25
26	4.100	5.80	3.30	31.1	35.1	46.1	27.1	30.7	20.3	18.5	4.61	2.600	26
27	4.000	5.60	3.60	28.7	33.6	36.7	22.7	44.0	23.6	18.0	4.42	2.580	27
28	3.870	5.42	3.60	38.2	47.5	34.5	24.2	37.7	18.0	17.6	4.00	2.570	28
29	3.680		3.80	27.2	60.7	35.5	30.0	31.3	18.0	17.5	3.80	2.550	29
30	3.750		4.83	34.4	60.0	30.0	31.1	27.1	16.7	17.4	3.82	2.530	30
31	3.760		6.62		72.9		30.0	27.4		18.1		2.510	31
TOTAL	134.78	136.33	148.14	387.71	1 184.5	1 188.0	833.0	1 002.0	890.7	543.4	276.04	91.01	TOTAL
MEAN	4.03	5.63	4.76	13.3	37.2	39.6	30.6	34.3	30.3	17.5	9.20	2.90	MEAN
MAX	6.03	7.63	6.29	37.2	66.0	62.0	30.4	69.3	56.7	27.3	16.0	3.71	MAX
MIN	2.20	2.30	3.30	4.64	16.0	29.0	22.7	22.2	16.7	11.3	3.82	2.51	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 19.1
MAXIMUM DAILY, 84.0 ON MAY 30
MINIMUM DAILY, 2.20 ON JAN 5
MAXIMUM INSTANTANEOUS,
84.6 AT 01:30 PST ON AUG 10

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 25 40 N
LONG 129 28 11 W
DRAINAGE AREA, 342 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	10 000	JUL	70 000
FEB	11 700	AUG	81 000
MAR	12 800	SEP	75 000
APR	34 000	OCT	46 800
MAY	99 700	NOV	24 100
JUN	103 000	DEC	7 830

TOTAL DISCHARGE, 602 000 dam³

KITTH CREEK ABOVE DIVERSIONS - STATION 08. 08BJ171

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	0.012	0.008	0.007	0.004	0.006	---	1
2	---	---	---	---	---	---	0.010	0.008	0.007	0.005	0.007	---	2
3	---	---	---	---	---	---	0.012	0.008	0.007	0.005	0.006	---	3
4	---	---	---	---	---	---	0.012	0.008	0.007	0.004	0.008	---	4
5	---	---	---	---	---	---	0.011	0.008	0.007	0.005	0.008	---	5
6	---	---	---	---	---	---	0.012	0.008	0.005	0.004	0.008	---	6
7	---	---	---	---	---	---	0.012	0.007	0.006	0.004	0.008	---	7
8	---	---	---	---	---	---	0.012	0.007	0.005	0.004	0.007	---	8
9	---	---	---	---	---	---	0.011	0.007	0.007	0.004	0.007	---	9
10	---	---	---	---	---	---	0.011	0.008	0.007	0.004	0.007	---	10
11	---	---	---	---	---	---	0.011	0.008	0.007	0.005	0.007	---	11
12	---	---	---	---	---	---	0.010	0.007	0.007	0.004	0.007	---	12
13	---	---	---	---	---	---	0.010	0.007	0.006	0.005	0.007	---	13
14	---	---	---	---	---	---	0.010	0.007	0.007	0.005	0.007	---	14
15	---	---	---	---	---	---	0.012	0.008	0.008	0.005	0.008	---	15
16	---	---	---	---	---	---	0.011	0.008	0.008	0.005	0.012	---	16
17	---	---	---	---	---	---	0.011	0.008	0.008	0.005	0.011	---	17
18	---	---	---	---	---	---	0.010	0.008	0.008	0.005	0.008	---	18
19	---	---	---	---	---	---	0.010	0.008	0.008	0.005	0.008	---	19
20	---	---	---	---	---	---	0.011	0.008	0.007	0.005	0.007	---	20
21	---	---	---	---	---	---	0.012	0.008	0.008	0.005	0.007	---	21
22	---	---	---	---	---	---	0.010	0.008	0.008	0.004	0.008	---	22
23	---	---	---	---	---	---	0.011	0.008	0.008	0.005	0.007	---	23
24	---	---	---	---	---	---	0.010	0.007	0.008	0.005	0.007	---	24
25	---	---	---	---	---	---	0.012	0.007	0.008	0.004	0.007	---	25
26	---	---	---	---	---	---	0.011	0.008	0.008	0.005	0.007	---	26
27	---	---	---	---	---	---	0.012	0.007	0.008	0.005	0.007	---	27
28	---	---	---	---	---	---	0.011	0.007	0.008	0.004	0.007	---	28
29	---		---	---	---	---	0.010	0.007	0.008	0.004	0.008	---	29
30	---		---	---	---	0.012	0.010	0.007	0.008	0.005	0.008	---	30
31	---		---		---		0.010	0.007		0.005		---	31
TOTAL	---	---	---	---	---	---	0.381	0.239	0.191	0.144	0.223	---	TOTAL
MEAN	---	---	---	---	---	---	0.012	0.007	0.006	0.005	0.007	---	MEAN
MAX	---	---	---	---	---	---	0.012	0.008	0.008	0.005	0.012	---	MAX
MIN	---	---	---	---	---	---	0.010	0.007	0.006	0.004	0.006	---	MIN

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 30 53 N
LONG 117 06 17 W

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	31.2
FEB	---	AUG	19.6
MAR	---	SEP	16.5
APR	---	OCT	12.4
MAY	---	NOV	19.3
JUN	---	DEC	---

KLAPPAN RIVER NEAR TELEGRAPH CREEK - STATION NO. 08CC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	10 20	12 00	10 00	11 00	30 0	480	294	185	118	57.6	34.00	20.00	1
2	10 20	11 00	10 00	11 00	30 0	472	285	150	104	60.1	30.00	20.00	2
3	10 20	11 00	10 00	11 00	30 7	476	284	148	101	57.6	34.00	19.70	3
4	10 10	11 00	10 00	10 00	36 7	393	280	131	127	58.1	33.00	18.80	4
5	10 00	11 00	10 00	10 00	37 0	317	234	131	113	57.2	31.00	17.20	5
6	14 00	11 00	10 00	10 70	38 3	177	204	116	103	55.0	30.00	18.00	6
7	14 10	11 00	10 00	10 00	39 0	162	187	114	102	53.2	30.20	18.10	7
8	13 00	11 00	10 00	10 00	40 0	167	178	108	96.0	52.0	30.00	18.00	8
9	13 10	11 00	11 00	10 20	55 4	161	171	112	97.1	50.4	30.00	18.00	9
10	13 00	12 00	11 00	10 20	55 0	204	166	110	89.0	48.2	30.00	18.70	10
11	12 00	12 10	11 10	10 10	60 1	230	160	110	76.0	47.0	30.00	18.00	11
12	12 70	12 20	11 20	10 10	64 7	230	160	108	73.0	48.0	30.20	18.00	12
13	12 70	12 00	11 00	10 10	71 4	215	135	94.3	72.0	45.0	30.00	18.00	13
14	12 00	11 00	11 00	10 20	82 3	188	123	92.0	80.4	42.7	29.00	14.00	14
15	12 00	11 00	11 00	10 30	97 4	210	125	86.1	67.7	39.0	28.00	14.00	15
16	13 00	11 00	11 00	10 00	106	200	143	84.2	66.1	36.4	28.30	14.40	16
17	13 00	11 00	11 00	10 00	103	210	147	107	62.3	41.1	27.00	14.30	17
18	13 00	11 00	11 30	11 00	80.2	215	148	94.2	64.0	40.1	26.00	14.20	18
19	12 00	11 00	11 30	12 00	76.6	201	143	85.3	65.0	39.0	25.00	14.00	19
20	12 00	11 00	11 10	12 00	70.2	200	144	84.2	65.7	38.3	24.00	13.90	20
21	12 00	12 00	11 00	13 00	65.5	275	153	79.0	64.0	38.0	24.20	14.00	21
22	12 00	12 00	10 00	15 00	67.7	250	170	84.0	63.4	40.0	23.00	14.00	22
23	11 00	12 00	10 70	17 00	68.3	253	143	83.4	77.7	38.00	23.00	14.00	23
24	11 00	11 00	10 00	20 00	64.0	250	135	87.7	66.5	36.00	22.00	13.00	24
25	11 70	11 00	10 00	24 00	62.0	208	135	101	66.7	37.00	22.20	13.40	25
26	11 70	11 00	10 00	27 00	60.0	256	140	87.1	60.0	37.20	22.10	13.60	26
27	11 70	11 40	10 00	30 00	77.0	241	157	84.2	62.4	37.00	22.00	13.00	27
28	11 00	11 10	10 00	33 5	62.0	234	163	80.4	67.3	36.00	21.00	12.00	28
29	12 00		10 00	35.0	137	200	153	118	66.0	36.00	20.00	12.00	29
30	12 10		11 00	38.0	202	203	150	112	64.0	35.00	20.20	12.00	30
31	12 10		11 00		403		148	110		36.20		13.00	31
TOTAL	404.2	251.0	340.3	479.7	2 705.6	7 004	5 271	3 337.3	2 380.4	1 380.7	818.0	482.4	TOTAL
MEAN	13.0	11.0	11.0	15.7	80.0	353	170	108	79.0	44.5	27.3	15.1	MEAN
MAX	10.3	12.2	11.0	38.0	403	475	300	185	101	60.1	35.0	20.0	MAX
MIN	11.7	11.1	10.0	10.1	37.0	183	123	79.0	64.0	36.2	20.2	12.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 70.0
MAXIMUM DAILY, 475 ON JUN 2
MINIMUM DAILY, 10.10 ON APR 11
MAXIMUM INSTANTANEOUS,
800 AT 04:00 PST ON JUN 3

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 57 54 00 N
LONG 130 48 14 W
DRAINAGE AREA, 3 000 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	34 000	JUL	405 000
FEB	23 700	AUG	268 000
MAR	29 400	SEP	204 000
APR	40 700	OCT	115 000
MAY	230 000	NOV	70 700
JUN	607 000	DEC	40 800

TOTAL DISCHARGE, 2 210 000 dam³

KLINAKLINI RIVER EAST CHANNEL (MAIN) NEAR THE MOUTH - STATION NO. 08GE002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	52.0	53.3	70.7	67.2	245	879	806	654	545E	---	---	---	1
2	54.4	51.6	70.3	60.2	250	909	800	726	560E	---	---	---	2
3	54.8	48.8	65.7	68.3	246	877	814	767	574A	---	---	---	3
4	55.2	48.2	61.5	67.4	229	784	835	827	---	---	---	---	4
5	54.0	47.0	59.8	67.0	235	844	563	689	---	---	---	---	5
6	51.9	46.7	57.8	69.5	213A	843	807	865	---	---	---	---	6
7	78.6	46.9	56.6	75.4	200E	883	672	875	---	---	---	36.08	7
8	120	47.5	56.0	74.9	189E	888	644	867	---	---	---	---	8
9	103	47.0	56.5	71.6	180E	729	642	761	---	---	---	---	9
10	78.7	47.7	54.7	69.2	170E	794	679	785A	---	---	---	---	10
11	117	73.8	95.4	88.2	174E	822	664	749A	---	---	---	---	11
12	157	87.3	89.0	84.9	194E	526	720	898A	---	---	---	---	12
13	120	98.7	85.0	83.6	219A	479	790	630E	---	---	---	---	13
14	90.5	94.9	81.3	82.4	233	485	888	590E	---	---	---	---	14
15	83.7	89.7	78.3	84.6	209	575	549	545A	---	---	---	---	15
16	72.5	80.9	73.9	88.6	201	579	561	616A	---	---	---	---	16
17	67.8	89.6	71.6	74.1	220	532	612	500A	---	---	---	---	17
18	72.3	92.2	72.2	84.0	231	477	678	484A	---	---	---	---	18
19	80.6	83.7	70.2	84.3	238	422	726	454A	---	---	---	---	19
20	77.0	83.2	69.8	104	317	408	712	428A	---	---	---	---	20
21	71.0	78.7	65.3	110	382	399	708	427A	---	---	---	---	21
22	65.1	78.1	59.4	110	365	449	647	467A	---	---	---	---	22
23	60.3	97.6	56.7	109	421	463	634	520A	---	---	---	---	23
24	67.2	142	64.0	123	478	487	636	495E	---	---	---	---	24
25	56.9	116	62.5	154	527	408	656	480E	---	---	---	---	25
26	58.7	99.4	62.2	187	531	474	607	468A	---	---	---	---	26
27	55.9	60.4	62.4	185	531	502	618	428E	---	230A	---	---	27
28	63.7	83.3	62.3	188	580	528	625	405E	---	---	---	---	28
29	58.6		63.0	202	697	532	853	520E	---	---	---	---	29
30	58.3		60.8	232	630	546	588	565E	---	---	---	---	30
31	56.1		69.1		658		641	550E		---		---	31
TOTAL	2 339.3	2 160.2	2 103.8	2 986.7	10 604	17 602	18 529	17 643	---	---	---	---	TOTAL
MEAN	75.4	76.8	70.6	89.6	342	587	684	569	---	---	---	---	MEAN
MAX	157	142	95.4	232	658	909	790	767	---	---	---	---	MAX
MIN	51.9	46.7	56.6	62.4	170	399	442	427	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 909 ON JUN 2

MAXIMUM INSTANTANEOUS,
923 AT 23:26 PST ON JUN 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 06 36 N
LONG 125 36 06 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	202 640	JUL	1 600 000
FEB	186 000	AUG	1 520 000
MAR	180 000	SEP	---
APR	258 000	OCT	---
MAY	916 000	NOV	---
JUN	1 520 000	DEC	---

KLINAKLINI RIVER WEST CHANNEL (OVERFLOW) NEAR THE MOUTH - STATION NO. 08GE001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.728	0.675	1.30	0.438	1.79	16.6	4.23	7.21	4.27	0.713	1.33	0.314	1
2	0.684	0.666	1.02	0.432	1.76	19.9	4.04	8.81	4.26	0.634	1.42	0.287	2
3	0.737	0.638	0.916	0.429	1.71	19.2	4.01	12.3	4.23	0.656	1.66	0.289	3
4	0.666	0.527	0.781	0.386	1.67	12.7	3.97	10.5	4.39	0.581	2.36	0.267	4
5	0.586	0.490	0.693	0.384	1.53	7.33	4.39	6.16	3.79	0.543	2.17	0.247	5
6	0.486	0.456	0.676	0.401	1.44	6.25	4.12	8.91	3.61	0.489	1.64	0.226	6
7	0.764	0.447	0.616	0.403	1.36	6.41	3.79	6.09	3.26	0.415	1.37	0.207	7
8	1.07	0.420	0.633	0.380	1.31	7.30	3.56	5.95	2.38	0.388	0.985	0.195	8
9	1.63	0.424	2.02	0.387	1.14	9.84	3.36	7.09	1.68	0.336	0.783	0.184	9
10	1.06	0.302	2.55	0.385	1.05	15.0	3.38	6.95	1.42	0.317	0.679	0.183	10
11	2.05	0.962	2.12	0.365	1.04	11.0	6.82	8.76	1.39	0.300	0.827	0.188	11
12	4.92	3.80	1.61	0.377	1.08	7.02	10.9	6.08	1.39	0.298	0.986	0.163	12
13	4.01	3.19	1.41	0.366	1.30	6.25	12.8	6.78	1.95	0.290	0.871	0.179	13
14	2.90	2.55	1.21	0.327	1.75	4.61	14.1	6.96	1.85	0.287	0.849	0.175	14
15	1.78	2.13	1.06	0.323	1.62	5.96	9.97	5.62	1.72	0.267	1.23	0.181	15
16	1.42	1.77	0.976	0.326	1.48	6.14	7.71	4.71	1.62	0.263	2.76	0.184	16
17	1.11	1.86	0.880	0.383	1.40	5.86	7.19	4.10	1.46	0.267	2.08	0.172	17
18	1.22	2.49	0.761	0.410	1.50	5.39	7.53	3.75	1.16	0.286	2.01	0.157	18
19	1.56	2.96	0.886	0.485	1.58	4.46	8.63	2.46	0.981	0.270	1.58	0.144	19
20	1.60	1.72	0.824	0.802	2.14	3.94	10.3	3.17	0.865	0.300	1.12	0.146	20
21	1.44	1.50	0.571	0.704	2.80	3.55	10.1	2.81	0.906	0.430	0.840	0.142	21
22	1.17	1.81	0.532	0.687	2.02	3.43	9.32	2.82	1.17	0.890	0.662	0.129	22
23	0.906	2.71	0.500	0.681	2.91	3.63	7.95	3.03	1.36	0.933	0.579	0.116	23
24	0.876	5.79	0.476	0.730	3.50	3.07	7.40	3.29	1.36	0.799	0.636	0.111	24
25	0.736	3.94	0.486	0.844	6.15	4.03	7.39	3.04	1.39	0.753	0.516	0.110	25
26	0.765	2.51	0.433	1.04	6.16	3.86	7.16	3.84	1.89	3.13	0.501	0.110	26
27	0.666	1.84	0.416	1.09	3.86	3.62	7.27	2.74	1.66	4.57	0.457	0.105	27
28	0.665	1.51	0.411	1.01	4.84	3.98	6.36	3.20	1.40	2.93	0.416	0.103	28
29	0.690		0.417	1.35	7.24	4.38	7.36	4.04	1.07	1.44	0.386	0.102	29
30	0.777		0.436	1.04	12.8	4.39	8.42	3.99	0.826	1.89	0.361	0.104	30
31	0.763		0.422		15.5		6.64	3.87		1.69		0.107	31
TOTAL	43.198	48.629	27.307	17.726	93.52	218.76	219.03	172.28	60.420	26.871	34.753	5.387	TOTAL
MEAN	1.39	1.74	0.881	0.591	3.02	7.29	7.06	5.56	2.01	0.867	1.16	0.173	MEAN
MAX	4.92	5.79	2.55	1.84	15.5	19.9	14.1	12.3	4.39	4.57	2.76	0.314	MAX
MIN	0.486	0.302	0.411	0.323	1.04	3.43	3.36	2.74	0.826	0.263	0.361	0.102	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.00
MAXIMUM DAILY, 19.9 ON JUN 2
MINIMUM DAILY, 0.102 ON DEC 29
MAXIMUM INSTANTANEOUS,
20.7 AT 02:20 PST ON JUN 3

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 06 26 N
LONG 125 20 42 W

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	3 730	JUL	19 000
FEB	4 200	AUG	14 900
MAR	2 360	SEP	5 220
APR	1 530	OCT	2 300
MAY	8 080	NOV	3 000
JUN	18 900	DEC	464

TOTAL DISCHARGE, 63 700 dam^3

KLOIYA RIVER NEAR PRINCE RUPERT - STATION NO. 08DD010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	1.91	1.04	8.78	3.58	1.75	---	1.27A	1
2	---	3.71A	---	---	---	1.42	1.04	3.86	4.78	1.81	---	1.35	2
3	---	3.72	---	---	---	1.39	1.05	3.78	11.3	4.15	---	1.33	3
4	---	2.85	---	---	---	2.12	1.03	3.49	12.8	13.2	---	1.19	4
5	---	2.49	---	---	---	2.56	1.03	3.56	15.8	13.4	---	1.16	5
6	---	2.36	---	10.7A	---	2.22	1.00	3.99	19.9	8.15	---	1.12	6
7	---	3.00	---	7.98A	---	1.91	3.67	3.99	18.8	5.25	---	1.12	7
8	---	3.56	---	---	---	1.74	5.69	2.33	11.9	3.79	---	1.10	8
9	---	3.27	---	---	---	1.77	4.76	1.85	7.27	3.07	---	1.04	9
10	---	3.00	---	---	---	1.73	6.35	1.66	4.77	2.68	---	1.02	10
11	---	4.39	---	---	---	1.61	8.72	1.67	3.68	2.27	---	1.01	11
12	---	5.06	---	---	---	1.52	8.70	1.38	4.15	2.10	---	1.07	12
13	---	15.4	---	---	---	1.44	7.87	1.43	6.26	1.89	---	1.17	13
14	---	14.6	---	---	---	1.37	6.98	1.84	6.66	1.77	---	1.21	14
15	---	15.1	4.33A	---	---	1.47	3.23	3.26	8.23	1.68	---	1.21	15
16	---	10.5	3.87	---	---	1.85	3.37	14.0	11.6	1.66	---	1.21	16
17	---	8.36A	3.66	---	---	1.66	1.86	13.7	9.01	2.63	---	1.17	17
18	---	---	3.26	---	---	1.66	1.62	8.15	5.91	3.65	---	1.17	18
19	---	---	2.96	---	---	1.59	1.43	10.3	4.91	8.37	---	1.17	19
20	---	---	2.73	---	---	1.91	1.27	12.3	4.97	13.0 A	---	1.15	20
21	---	---	2.66	---	---	1.43	1.22	8.78	5.48	---	---	---	21
22	---	---	2.61A	---	---	1.33	1.17	4.64	4.06	---	---	---	22
23	---	---	---	---	---	1.25	1.10	2.78	3.15	---	---	---	23
24	---	---	---	---	---	1.19	1.10	2.43	40.1	---	---	---	24
25	---	---	---	---	---	1.17	1.17	3.37	112	---	---	---	25
26	---	---	---	---	3.78P	1.14	1.15	8.84	82.1	---	---	---	26
27	---	---	---	---	3.66	1.13	1.10	13.4	26.1	---	---	---	27
28	---	---	---	---	3.46	1.09	1.10	13.2	8.22	---	---	---	28
29	---		---	---	3.66	1.04	1.26	8.78	3.65	---	---	---	29
30	---		---	---	1.78	1.03	3.78	6.62	1.93	---	---	---	30
31	---		---		1.62		5.06	3.63		---		---	31
TOTAL	---	---	---	---	---	65.71	88.97	174.91	439.04	---	---	---	TOTAL
MEAN	---	---	---	---	---	1.82	2.77	5.64	14.6	---	---	---	MEAN
MAX	---	---	---	---	---	2.56	8.78	14.3	112	---	---	---	MAX
MIN	---	---	---	---	---	1.03	1.00	1.38	1.93	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 112 ON SEP 25
MINIMUM DAILY, 1.00 ON JUL 6
MAXIMUM INSTANTANEOUS,
167 AT 18 13 PST ON SEP 25

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 14 51 N
LONG 130 10 18 W

A - MANUAL GAUGE

REGULATED SINCE 1966

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	7 630
FEB	---	AUG	15 190
MAR	---	SEP	37 990
APR	---	OCT	---
MAY	---	NOV	---
JUN	3 950	DEC	---

KNIGHT CREEK ABOVE DIVERSIONS - STATION NO 08LE101

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.066	0.093	0.170	0.139	0.076	0.034	---	---	---	1
2	---	---	---	0.066	0.127	0.163	0.171	0.076	0.042	---	---	---	2
3	---	---	---	0.035	0.134	0.198	0.127	0.072	0.038	---	---	---	3
4	---	---	---	0.035	0.134	0.203	0.136	0.073	0.033	---	---	---	4
5	---	---	---	0.035	0.139	0.216	0.117	0.070	0.031	---	---	---	5
6	---	---	---	0.035	0.107	0.210	0.110	0.068	0.030	---	---	---	6
7	---	---	---	0.045	0.124	0.216	0.108	0.065	0.028	---	---	---	7
8	---	---	---	0.045	0.155	0.202	0.107	0.067	0.026	---	---	---	8
9	---	---	---	0.048	0.152	0.216	0.107	0.063	0.026	---	---	---	9
10	---	---	---	0.046	0.138	0.216	0.110	0.063	0.032	---	---	---	10
11	---	---	---	0.060	0.118	0.214	0.107	0.068	0.023	---	---	---	11
12	---	---	---	0.048	0.117	0.208	0.110	0.063	0.026	---	---	---	12
13	---	---	---	0.035	0.116	0.198	0.116	0.060	0.023	---	---	---	13
14	---	---	---	0.035	0.110	0.186	0.110	0.059	0.022	---	---	---	14
15	---	---	---	0.035	0.110	0.200	0.116	0.058	0.030	---	---	---	15
16	---	---	---	0.035	0.116	0.196	0.110	0.058	0.029	---	---	---	16
17	---	---	---	0.045	0.110	0.186	0.115	0.060	0.029	---	---	---	17
18	---	---	---	0.060	0.116	0.188	0.107	0.062	0.029	---	---	---	18
19	---	---	---	0.073	0.116	0.175	0.101	0.065	0.018	---	---	---	19
20	---	---	---	0.088	0.130	0.170	0.098	0.065	0.018	---	---	---	20
21	---	---	---	0.104	0.138	0.186	0.098	0.062	0.018	---	---	---	21
22	---	---	---	0.130	0.137	0.180	0.096	0.062	0.018	---	---	---	22
23	---	---	---	0.126	0.132	0.158	0.094	0.062	0.018	---	---	---	23
24	---	---	---	0.136	0.117	0.152	0.092	0.060	0.018	---	---	---	24
25	---	---	---	0.152	0.126	0.152	0.094	0.060	0.018	---	---	---	25
26	---	---	---	0.156	0.126	0.140	0.088	0.058	0.018	---	---	---	26
27	---	---	---	0.156	0.129	0.143	0.079	0.060	0.018	---	---	---	27
28	---	---	---	0.156	0.136	0.136	0.081	0.058	0.018	---	---	---	28
29	---		---	0.126	0.142	0.131	0.079	0.062	0.018	---	---	---	29
30	---		---	0.101	0.156	0.131	0.079	0.060	0.018	---	---	---	30
31	---		---		0.156		0.075	0.064		---		---	31
TOTAL	---	---	---	2.340	3.886	5.483	3.256	1.983	0.670	---	---	---	TOTAL
MEAN	---	---	---	0.075	0.125	0.182	0.105	0.063	0.022	---	---	---	MEAN
MAX	---	---	---	0.156	0.156	0.216	0.171	0.076	0.042	---	---	---	MAX
MIN	---	---	---	0.035	0.093	0.131	0.075	0.058	0.018	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 0.216 ON JUN 10

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - MANUAL
LOCATION - LAT 54 45 11 N
LONG 130 10 41 W
DRAINAGE AREA, 5.57 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	201
FEB	---	AUG	103
MAR	---	SEP	57.9
APR	283	OCT	---
MAY	370	NOV	---
JUN	471	DEC	---

KOKSILAH RIVER AT COWICHAN STATION - STATION NO. 08HA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	6.04	9.70	11.1	14.5	1.91	0.851	0.840E	0.711	1.10	0.697	2.36	15.8	1
2	16.4	9.08	19.9	16.5	1.89	0.844	0.845E	0.690	1.48	0.725	2.46	8.18	2
3	18.5	7.88	8.78	14.9	1.85	0.809	0.830E	0.641	1.03	0.753	34.6	9.39	3
4	30.9	7.18	8.71	13.9	1.84	0.781	0.815E	0.606	0.774	0.746	23.2	8.36	4
5	85.1	6.70	8.56	13.3	1.59	0.760	0.800E	0.606	0.697	0.746	14.9	7.48	5
6	52.6	6.36	8.50	8.93	1.56	0.746	0.802	0.599	0.627	0.725	15.7	7.02	6
7	62.5	5.44	8.46	7.92	1.68	0.732	0.830	0.550	0.648	0.718	20.9	6.40	7
8	96.0	5.12	14.6	6.84	1.85	0.711	0.844	0.536	0.662	0.711	14.1	19.6	8
9	72.4	14.6	97.5	6.50	1.86	0.704	0.844	0.522	0.683	0.697	10.6	19.7	9
10	61.4	20.5	44.5	6.24	1.85	0.697	0.856	0.515	0.809	0.683	20.2	19.4	10
11	47.8	100	25.6	6.16	1.83	0.683	5.02	0.508	1.48	0.676	66.3	19.7	11
12	39.2	116	22.0	5.60	1.84	0.704	6.56	0.494	1.44	0.676	34.1	17.1	12
13	19.5	78.5	21.7	5.02	1.56	0.697	6.68	0.480	1.16	0.683	23.5	20.5	13
14	13.9	40.9	60.1	4.68	1.48	0.683	5.04	0.466	1.02	0.690	94.0	31.3	14
15	12.3	37.4	35.9	4.24	1.98	0.627	4.52	0.445	0.948	0.711	185	19.6	15
16	11.0	29.5	20.4	3.84	1.82	0.585	3.44	0.404	0.916	0.718	100	16.5	16
17	9.44	47.3	17.2	3.52	1.76	0.800E	3.48	0.388	0.932	0.787	78.1	11.7	17
18	8.70	41.6	13.2	3.40	1.82	1.70 E	1.86	0.362	1.00	0.774	74.6	8.38	18
19	9.06	36.5	10.3	3.32	1.52	1.45 E	1.59	0.356	1.35	0.774	128	7.80	19
20	8.28	109	9.35	3.02	1.46	1.30 E	1.56	0.336	1.10	0.924	82.6	7.84	20
21	9.06	52.0	8.16	2.82	1.38	1.15 E	1.34	0.330	0.984	1.30	30.1	6.98	21
22	8.30	63.6	7.62	2.66	1.33	1.08 E	1.26	0.330	0.893	3.04	21.7	6.98	22
23	7.98	50.8	7.20	2.56	1.24	1.03 E	1.19	0.325	0.676	1.95	17.9	6.94	23
24	8.24	34.9	6.64	2.64	1.17	1.07 E	1.12	0.315	0.615	1.82	61.9	6.908	24
25	10.6	15.5	5.96	2.60	1.14	1.10 E	1.04	0.310	0.473	1.73	61.1	6.868	25
26	41.5	17.7	5.70	2.76	0.996	1.16 E	1.02	0.305	0.494	1.74	91.5	6.828	26
27	50.3	14.2	5.48	2.36	0.984	1.01 E	1.16	0.315	0.560	1.62	39.0	6.788	27
28	29.4	12.2	5.32	2.28	0.940	0.880E	1.12	0.362	0.592	1.36	25.6	6.748	28
29	13.6		9.30	2.08	0.908	0.848	1.02	0.627	0.634	1.32	18.8	6.72	29
30	10.8		15.6	1.96	0.879	0.840E	0.984	0.704	0.669	1.55	16.8	6.76	30
31	10.6		14.1		0.872		0.802	0.690		2.18		16.1	31
TOTAL	813.20	1 000.16	556.64	177.27	46.169	27.052	62.084	14.825	26.316	34.204	1 389.82	366.09	TOTAL
MEAN	26.2	35.7	18.0	5.91	1.49	0.902	2.00	0.478	0.877	1.10	46.3	11.8	MEAN
MAX	96.0	116	97.5	16.5	1.98	1.70	6.56	0.711	1.48	3.04	185	31.3	MAX
MIN	7.98	5.12	5.32	1.96	0.872	0.585	0.800	0.305	0.473	0.676	2.36	6.40	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 12.4
MAXIMUM DAILY, 185 ON NOV 15
MINIMUM DAILY, 0.305 ON AUG 26

TYPE OF GAUGE - MANUAL
LOCATION - LAT 48 43 39 N
LONG 123 40 11 W
DRAINAGE AREA, 300 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	70 300	JUL	5 390
FEB	86 400	AUG	1 280
MAR	48 300	SEP	2 270
APR	15 300	OCT	2 960
MAY	3 990	NOV	120 000
JUN	2 340	DEC	31 600

TOTAL DISCHARGE, 390 000 dam³

KOOTENAI RIVER AT PORTHILL - STATION NO. 08NH021

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	561	595	572	300	447	728	267	436	256	320	188	631	1
2	538	592	524	289	453	745	267	445	219	201	311	628	2
3	561	586	532	284	513	697	272	459	225	198	228	634	3
4	580	576	544	248	535	637	285	484	203	382	323	643	4
5	586	382	582	242	576	589	281	484	208	405	287	648	5
6	600	289	567	239	648	549	246	413	204	413	254	646	6
7	606	295	541	280	677	527	241	268	205	411	288	646	7
8	662	470	411	282	651	515	227	253	206	413	242	646	8
9	669	527	340	244	527	507	223	406	227	252	223	651	9
10	689	655	377	243	629	490	214	402	304	243	211	657	10
11	714	561	435	237	646	487	206	433	260	487	223	657	11
12	711	564	442	236	552	442	202	453	250	549	242	637	12
13	686	580	406	288	487	399	215	405	493	584	232	535	13
14	674	583	402	308	430	277	334	266	552	589	226	521	14
15	646	576	396	266	439	371	433	168	479	566	345	516	15
16	629	590	277	258	484	357	487	303	439	589	382	544	16
17	626	580	380	231	541	343	544	306	426	555	382	617	17
18	623	606	348	246	683	331	674	306	287	566	456	520	18
19	617	541	326	274	691	323	685	365	244	552	388	623	19
20	617	490	294	320	697	306	694	365	235	544	564	620	20
21	612	490	281	374	816	289	665	264	239	566	643	628	21
22	608	507	280	433	683	275	677	250	394	490	648	634	22
23	603	580	266	490	714	297	686	237	422	269	648	634	23
24	606	617	296	631	793	323	657	251	413	270	651	637	24
25	603	634	253	748	884	314	690	253	286	300	651	631	25
26	597	643	247	714	917	289	620	247	239	300	648	628	26
27	606	643	234	622	916	282	630	260	331	262	648	631	27
28	617	640	239	544	895	293	507	237	334	157	648	631	28
29	617		225	486	889	280	506	216	328	153	643	631	29
30	612		261	501	892	272	484	282	328	150	637	629	30
31	606		267		830		445	264		156		620	31
TOTAL	19 271	15 184	11 556	10 816	20 056	12 633	13 380	10 316	9 263	11 850	12 410	19 258	TOTAL
MEAN	622	542	373	361	647	421	432	333	309	382	414	621	MEAN
MAX	714	643	572	748	917	745	694	484	552	589	651	657	MAX
MIN	538	295	226	231	430	272	202	216	203	150	188	516	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 495
MAXIMUM DAILY, 917 ON MAY 26
MINIMUM DAILY, 150 ON OCT 30

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 00 00 N
LONG 116 30 16 W
DRAINAGE AREA, 35 500 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 670 000	JUL	1 160 000
FEB	1 310 000	AUG	891 000
MAR	998 000	SEP	799 000
APR	935 000	OCT	1 020 000
MAY	1 730 000	NOV	1 070 000
JUN	1 090 000	DEC	1 660 000

TOTAL DISCHARGE, 14 300 000 dam³

KOOTENAI RIVER NEAR COPELAND - STATION NO. 08NH031

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	538	586	581	289	464	826	242	422	251	217	197	823	1
2	535	583	510	279	413	820	235	433	214	194	306	823	2
3	541	580	521	241	476	595	243	447	222	191	174	829	3
4	580	572	532	234	488	552	240	456	199	388	269	837	4
5	586	388	541	231	531	510	228	456	203	405	274	840	5
6	587	264	535	228	606	476	225	402	199	413	227	840	6
7	603	194	530	270	626	456	222	273	202	411	246	840	7
8	637	484	384	253	496	445	217	246	203	411	223	843	8
9	594	524	317	234	478	439	206	406	224	242	205	846	9
10	591	549	351	231	585	422	198	396	396	239	196	851	10
11	708	555	411	227	606	428	190	425	250	496	204	851	11
12	702	558	418	226	594	388	186	445	246	555	222	831	12
13	680	578	385	260	438	351	187	396	498	564	214	521	13
14	685	578	378	300	378	331	303	389	558	589	211	513	14
15	640	572	378	277	385	320	498	258	478	586	337	513	15
16	620	575	357	343	408	317	447	284	430	589	348	538	16
17	617	575	343	217	478	306	524	287	422	555	385	514	17
18	614	600	328	231	603	294	583	300	254	586	445	514	18
19	612	530	308	255	634	289	671	350	238	552	368	817	19
20	612	478	278	297	624	278	883	352	219	541	555	817	20
21	606	481	268	348	624	268	685	253	223	586	537	823	21
22	603	488	274	402	578	248	650	243	398	461	537	831	22
23	597	586	261	450	614	258	648	230	419	268	537	831	23
24	600	612	248	561	688	286	640	241	411	283	640	834	24
25	597	626	241	597	748	243	643	248	248	297	640	829	25
26	592	634	234	688	788	261	609	239	234	307	637	828	26
27	600	634	221	575	788	253	597	273	234	258	637	831	27
28	612	631	218	561	778	244	480	226	231	148	640	828	28
29	612		213	456	765	253	487	268	220	148	634	829	29
30	603		272	462	773	243	487	246	226	145	629	826	30
31	597		257		726		428	261		146		817	31
TOTAL	19 081	14 950	11 070	10 144	17 874	11 059	12 742	10 050	9 148	11 784	11 814	19 110	TOTAL
MEAN	615	535	357	338	577	389	411	324	305	379	397	616	MEAN
MAX	708	634	561	597	788	829	671	456	558	589	840	851	MAX
MIN	535	194	213	217	378	243	186	206	199	145	197	513	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 435
MAXIMUM DAILY, 788 ON MAY 26
MINIMUM DAILY, 145 ON OCT 30

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 54 43 N
LONG 116 24 59 W
DRAINAGE AREA, 24 700 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 650 000	JUL	1 100 000
FEB	1 300 000	AUG	884 000
MAR	956 000	SEP	790 000
APR	876 000	OCT	1 020 000
MAY	1 540 000	NOV	1 030 000
JUN	955 000	DEC	1 650 000

TOTAL DISCHARGE, 13 700 000 dam³

KOOTENAY LAKE AT KUSKONOOK - STATION NO 08NH067

DAILY WATER LEVEL IN METRES FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	531.818	531.636	531.156	530.214	530.980	532.024	531.979	532.086	531.450	531.362	531.773	531.842	1
2	531.880	531.597	531.120	530.208	531.002	533.061	531.980	532.066	531.472	531.362	531.769	531.823	2
3	531.946	531.588	531.081	530.181	531.023	533.098	531.940	532.077	531.614	531.366	531.767	531.820	3
4	532.018	531.547	531.046	530.172	531.047	533.091	531.906	532.088	531.543	531.366	531.868	531.810	4
5	532.063	531.524	531.028	530.155	531.079	533.060	531.881	532.088	531.580	531.391	531.927	531.810	5
6	532.057	531.467	531.009	530.139	531.113	532.987	531.889	532.081	531.588	531.414	531.980	531.818	6
7	532.036	531.386	530.986	530.133	531.173	532.931	531.874	532.076	531.588	531.436	531.969	531.817	7
8	532.021	531.341	530.951	530.165	531.221	532.886	531.845	532.039	531.583	531.480	531.989	531.824	8
9	531.988	531.317	530.905	530.172	531.250	532.863	531.840	532.024	531.580	531.486	531.982	531.832	9
10	532.007	531.286	530.867	530.171	531.280	532.832	531.810	532.024	531.589	531.482	531.958	531.852	10
11	531.981	531.284	530.848	530.189	531.307	532.803	531.791	532.022	531.588	531.481	531.935	531.874	11
12	531.959	531.286	530.824	530.180	531.328	532.768	531.803	532.063	531.601	531.497	531.914	531.888	12
13	531.945	531.284	530.801	530.163	531.335	532.687	531.858	532.069	531.618	531.550	531.894	531.878	13
14	531.924	531.286	530.781	530.180	531.382	532.591	531.813	531.998	531.679	531.593	531.946	531.861	14
15	531.897	531.301	530.752	530.184	531.418	532.547	531.984	531.926	531.707	531.628	531.981	531.915	15
16	531.872	531.306	530.725	530.180	531.420	532.517	532.015	531.873	531.702	531.682	531.983	531.892	16
17	531.848	531.311	530.691	530.188	531.457	532.487	532.052	531.821	531.683	531.696	532.005	531.884	17
18	531.825	531.307	530.659	530.177	531.507	532.455	532.068	531.782	531.642	531.736	532.002	531.868	18
19	531.806	531.285	530.628	530.190	531.570	532.408	532.118	531.756	531.588	531.765	531.990	531.831	19
20	531.788	531.284	530.585	530.217	531.631	532.365	532.139	531.741	531.531	531.797	531.983	531.813	20
21	531.773	531.243	530.548	530.245	531.714	532.288	532.152	531.717	531.483	531.832	531.958	531.784	21
22	531.759	531.218	530.506	530.290	531.844	532.237	532.156	531.678	531.412	531.880	531.908	531.749	22
23	531.752	531.200	530.470	530.353	531.979	532.182	532.156	531.631	531.387	531.889	531.886	531.722	23
24	531.734	531.190	530.435	530.458	532.073	532.142	532.159	531.613	531.400	531.882	532.004	531.710	24
25	531.704	531.192	530.397	530.618	532.180	532.172	532.178	531.610	531.405	531.894	532.005	531.729	25
26	531.747	531.187	530.361	530.768	532.320	532.139	532.231	531.604	531.393	531.901	531.883	531.772	26
27	531.743	531.187	530.324	530.887	532.463	532.083	532.277	531.581	531.393	531.906	531.971	531.803	27
28	531.733	531.178	530.283	530.924	532.583	532.060	532.259	531.536	531.377	531.892	531.972	531.826	28
29	531.707		530.262	530.883	532.719	532.027	532.213	531.504	531.388	531.883	531.884	531.841	29
30	531.677		530.245	530.978	532.859	532.001	532.173	531.480	531.372	531.826	531.985	531.868	30
31	531.853		530.235		532.974		532.131	531.444		531.802		531.887	31
MEAN	531.888	531.330	530.694	530.329	531.883	532.580	532.024	531.841	531.524	531.848	531.948	531.888	MEAN
MAX	532.063	531.826	531.156	530.978	532.974	533.098	532.277	532.086	531.707	531.906	532.005	531.988	MAX
MIN	531.853	531.178	530.235	530.123	530.988	532.001	531.781	531.444	531.388	531.388	531.788	531.710	MIN

SUMMARY FOR THE YEAR 1983

WATER LEVELS IN METRES

MEAN, 531.610
MAXIMUM DAILY, 533.098 ON JUN 3
MINIMUM DAILY, 530.123 ON APR 7
MAXIMUM INSTANTANEOUS,
533.112 AT 16 15 PST ON JUN 3

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 17 55 N
LONG 116 30 31 W

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1972 ADJ.)

KOOTENAY LAKE AT QUEENS BAY - STATION NO. 08NN064

DAILY WATER LEVEL IN METRES FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	531.570	531.472	531.015	530.088	530.643	532.667	531.647	531.941	531.313	531.227	531.631	531.808	1
2	531.739	531.464	530.972	530.069	530.654	532.824	531.634	531.920	531.343	531.225	531.625	531.792	2
3	531.807	531.417	530.935	530.048	530.673	532.958	531.613	531.933	531.374	531.206	531.649	531.774	3
4	531.884	531.306	530.907	530.024	530.901	532.954	531.778	531.944	531.395	531.211	531.724	531.766	4
5	531.910	531.371	530.882	530.007	530.938	532.912	531.748	531.946	531.403	531.234	531.784	531.758	5
6	531.911	531.317	530.861	529.988	530.979	532.867	531.725	531.944	531.407	531.255	531.814	531.773	6
7	531.895	531.267	530.841	529.978	531.035	532.788	531.714	531.922	531.419	531.280	531.832	531.775	7
8	531.881	531.192	530.806	530.010	531.068	532.754	531.695	531.891	531.432	531.304	531.830	531.781	8
9	531.862	531.160	530.785	530.027	531.115	532.726	531.691	531.872	531.429	531.313	531.826	531.790	9
10	531.871	531.144	530.724	530.038	531.142	532.695	531.667	531.870	531.435	531.293	531.820	531.808	10
11	531.837	531.141	530.700	530.022	531.169	532.688	531.648	531.887	531.455	531.305	531.820	531.825	11
12	531.815	531.160	530.679	530.018	531.190	532.668	531.666	531.925	531.458	531.352	531.819	531.843	12
13	531.802	531.165	530.657	530.006	531.197	532.634	531.731	531.917	531.473	531.402	531.820	531.835	13
14	531.776	531.157	530.633	530.005	531.242	532.657	531.798	531.859	531.520	531.448	531.813	531.806	14
15	531.762	531.160	530.604	530.013	531.277	532.611	531.844	531.783	531.554	531.481	531.828	531.774	15
16	531.728	531.162	530.575	530.022	531.290	532.383	531.886	531.725	531.548	531.511	531.882	531.744	16
17	531.703	531.172	530.550	530.027	531.314	532.348	531.915	531.678	531.527	531.549	531.877	531.724	17
18	531.678	531.167	530.519	530.032	531.350	532.329	531.946	531.631	531.496	531.589	531.874	531.705	18
19	531.660	531.150	530.483	530.046	531.426	532.288	531.970	531.607	531.446	531.621	531.862	531.693	19
20	531.642	531.127	530.440	530.070	531.487	532.235	531.992	531.594	531.383	531.650	531.835	531.674	20
21	531.624	531.099	530.398	530.088	531.563	532.173	532.008	531.586	531.313	531.684	531.830	531.648	21
22	531.621	531.074	530.367	530.144	531.705	532.101	532.008	531.527	531.262	531.728	531.841	531.614	22
23	531.641	531.058	530.319	530.210	531.838	532.049	532.010	531.486	531.239	531.745	531.854	531.589	23
24	531.643	531.047	530.280	530.315	531.931	532.047	532.010	531.482	531.249	531.743	531.871	531.574	24
25	531.620	531.047	530.248	530.471	532.048	532.035	532.035	531.472	531.263	531.746	531.875	531.569	25
26	531.598	531.047	530.211	530.622	532.181	531.999	532.091	531.483	531.242	531.751	531.856	531.635	26
27	531.596	531.048	530.174	530.718	532.318	531.995	532.131	531.425	531.230	531.758	531.835	531.659	27
28	531.584	531.037	530.142	530.778	532.441	531.917	532.117	531.383	531.214	531.744	531.828	531.689	28
29	531.558		530.115	530.805	532.581	531.887	532.069	531.351	531.209	531.716	531.827	531.706	29
30	531.523		530.083	530.828	532.722	531.869	532.024	531.313	531.215	531.688	531.820	531.711	30
31	531.498		530.064		532.831		531.980	531.299		531.662		531.705	31
MEAN	531.720	531.184	530.647	530.183	531.512	532.426	531.884	531.695	531.375	531.498	531.813	531.728	MEAN
MAX	531.911	531.472	531.015	530.828	532.831	532.958	532.131	531.946	531.554	531.758	531.877	531.843	MAX
MIN	531.498	531.037	530.064	529.978	530.643	531.869	531.648	531.299	531.209	531.206	531.625	531.574	MIN

SUMMARY FOR THE YEAR 1983

WATER LEVELS IN METRES

MEAN, 531.686
MAXIMUM DAILY, 532.958 ON JUN 3
MINIMUM DAILY, 529.978 ON APR 7
MAXIMUM INSTANTANEOUS,
532.988 AT 13:52 PST ON JUN 3

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 39 16 N
LONG 116 55 47 W

REGULATED SINCE 1931

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM 1928 ADJUSTMENT
APPLY 0.116 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1980 ADJ.)

KOOTENAY LAKE OUTFLOW NEAR CORRA LINN - STATION NO. 08NJ150

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	484	1 040	886	515	858	1 820	932	1 130	478	436	466	912	1
2	486	1 020	878	504	835	1 880	934	1 000	464	406	453	912	2
3	487	983	876	504	838	1 820	977	863	413	462	436	912	3
4	722	903	841	493	844	1 810	966	1 000	464	473	405	912	4
5	817	900	821	487	889	1 760	883	903	445	496	433	917	5
6	1 000	898	821	498	886	1 770	929	915	462	470	418	917	6
7	1 070	888	818	300	915	1 880	917	915	345	478	486	940	7
8	1 100	974	801	371	915	1 830	944	909	343	453	466	928	8
9	1 120	954	784	513	929	1 880	783	929	524	478	450	903	9
10	1 210	937	778	486	954	1 580	753	923	445	484	425	900	10
11	1 200	937	782	486	906	1 580	714	903	413	490	445	915	11
12	1 110	937	756	496	948	1 480	937	954	473	472	462	948	12
13	1 110	937	748	493	894	1 480	1 080	1 140	435	470	482	1 040	13
14	1 100	937	728	496	745	1 380	1 180	1 100	524	490	436	1 040	14
15	1 060	932	708	521	765	1 280	1 150	1 010	589	484	442	1 040	15
16	1 020	932	732	496	903	1 280	1 180	957	715	487	470	1 040	16
17	1 010	980	702	518	813	1 250	1 190	915	663	484	851	1 040	17
18	983	943	694	515	903	1 220	1 170	801	726	484	887	1 040	18
19	957	932	680	518	852	1 200	1 110	733	812	481	748	1 030	19
20	946	926	680	524	841	1 170	1 170	725	748	478	827	1 100	20
21	928	920	716	538	834	1 130	1 180	719	722	473	782	1 180	21
22	782	908	831	595	595	1 100	1 190	739	719	484	736	1 080	22
23	844	903	812	588	1 110	1 080	1 180	881	530	456	731	1 080	23
24	1 020	900	807	803	1 180	1 080	1 190	863	450	495	785	903	24
25	1 010	885	872	884	1 240	1 080	1 120	871	453	456	926	725	25
26	980	885	888	738	1 250	1 080	977	743	458	470	920	872	26
27	1 000	888	848	773	1 490	1 080	1 080	810	578	478	906	787	27
28	1 040	898	838	780	1 480	1 080	1 210	874	478	458	881	878	28
29	1 060		821	847	1 600	1 080	1 210	788	473	481	913	913	29
30	1 030		804	824	1 700	1 040	1 200	788	458	470	903	1 030	30
31	1 030		830		1 780		1 170	490		541		991	31
TOTAL	29 749	26 087	21 795	18 712	31 473	41 280	32 436	26 906	15 590	14 731	18 511	29 776	TOTAL
MEAN	959	932	703	587	1 020	1 380	1 050	885	520	475	617	961	MEAN
MAX	1 210	1 040	888	847	1 780	1 880	1 210	1 140	748	541	926	1 150	MAX
MIN	469	885	804	300	595	1 040	714	490	343	436	405	725	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 835
MAXIMUM DAILY, 1 880 ON JUN 3
MINIMUM DAILY, 300 ON APR 7

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 49 28 01 N
LONG 117 27 54 W
DRAINAGE AREA, 46 800 km²

REGULATED SINCE 1938

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	2 570 000	JUL	2 800 000
FEB	2 250 000	AUG	2 330 000
MAR	1 880 000	SEP	1 350 000
APR	1 640 000	OCT	1 270 000
MAY	2 720 000	NOV	1 600 000
JUN	3 570 000	DEC	2 570 000

TOTAL DISCHARGE, 25 300 000 dam³

DATA CONTRIBUTED BY -
WEST KOOTENAY POWER AND LIGHT COMPANY LIMITED

KOOTENAY RIVER ABOVE COPPA LINE - STATION NO 08NJ113

DAILY WATER LEVEL IN METRES FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	531.388	529.435	528.368	528.385	528.432	529.185	530.881	530.346	530.974	530.936	531.420	530.927	1
2	531.504	529.441	528.365	528.340	528.490	529.230	530.854	530.684	531.018	530.872	531.284	530.902	2
3	531.563	529.498	528.365	528.343	528.676	529.239	530.736	530.627	531.108	530.885	531.426	530.850	3
4	531.616	530.066	528.374	528.395	528.861	529.230	530.724	530.918	531.099	530.878	531.516	530.815	4
5	531.120	530.061	528.368	528.730	528.972	529.328	530.898	531.083	531.128	530.901	531.561	530.821	5
6	530.855	530.020	528.368	528.368	528.951	529.286	530.783	531.087	531.114	530.917	531.619	530.832	6
7	530.590	529.809	528.368	529.114	528.864	529.517	530.783	531.053	531.100	530.932	531.656	530.789	7
8	530.238	529.197	528.365	529.499	528.814	529.803	530.818	531.023	531.218	531.015	531.601	530.761	8
9	530.163	528.271	528.365	528.712	528.724	529.773	531.036	530.986	531.029	530.982	531.613	530.825	9
10	529.895	528.262	528.365	528.541	528.548	530.096	530.995	530.968	531.189	530.954	531.686	530.862	10
11	529.249	528.271	528.271	528.262	529.081	530.370	530.928	530.983	531.221	530.947	531.621	530.871	11
12	530.044	528.385	528.265	528.356	529.036	530.385	530.868	530.963	531.178	531.026	531.604	530.814	12
13	530.058	528.385	528.265	528.382	528.748	530.370	530.340	530.379	531.227A	531.093	531.588	530.585	13
14	530.090	528.386	528.331	528.271	530.401	530.898	529.522	530.337	531.069A	531.104	531.606	530.450	14
15	530.128	528.398	528.416	528.416	530.237	530.971	529.695	530.485	531.122	531.179	531.620	530.384	15
16	530.382	528.285	528.514	528.450	528.944	530.971	530.060	530.867	530.911	531.230	531.633	530.277	16
17	530.231	528.382	528.389	528.410	530.267	530.966	530.053	530.860	530.910	531.281	531.484	530.300	17
18	530.404	528.382	528.262	528.356	530.120	530.966	530.103	530.803	530.839	531.321	531.408	530.285	18
19	530.498	528.398	528.262	528.277	530.282	530.966	530.392	530.860	530.985	531.345	531.330	530.260	19
20	530.492	528.382	528.259	528.368	530.492	530.959	530.376	530.977	530.816	531.391	531.182	529.976	20
21	530.501	528.382	528.385	528.382	531.023	530.971	530.376	530.962	530.606	531.427	531.206	529.244	21
22	530.824	528.366	528.389	528.444	531.282	530.966	530.346	530.837	530.902	531.486	531.291	529.123	22
23	530.630	528.366	528.385	528.410	530.431	530.960	530.361	530.842	530.788	531.505	531.287	529.785A	23
24	530.337	528.388	528.366	528.392	529.851	530.963	530.373	530.862	530.852	531.486	531.340	530.342A	24
25	529.983	528.371	528.383	528.410	529.428	530.966	530.693	530.937	530.871	531.521	531.009	530.931A	25
26	530.388	528.371	528.274	528.423	529.431	530.967	530.840	530.772	530.949	531.522	530.953	530.690A	26
27	530.224	528.368	528.262	528.587	529.249	530.637	530.840	530.871	530.744	531.501	530.938	530.784A	27
28	529.895	528.368	528.385	528.642	529.222	530.754	530.382	530.721	530.858	531.523	531.014	530.751A	28
29	529.745		528.499	528.595	529.428	530.645	530.382	530.668	530.880	531.457	530.940	530.770	29
30	529.745		528.810	528.944	529.277	530.966	530.356	530.647	530.898	531.472	530.953	530.357	30
31	529.889		528.636		529.262		530.349	530.931		531.355		530.338	31
MEAN	530.406	528.781	528.400	528.500	529.472	530.359	530.524	530.603	530.975	531.208	531.379	530.506	MEAN
MAX	531.563	530.061	528.810	529.499	531.282	530.983	531.036	531.087	531.227	531.523	531.686	530.931	MAX
MIN	529.249	528.262	528.331	528.340	528.432	529.185	529.522	530.337	530.802	530.872	530.936	529.123	MIN

SUMMARY FOR THE YEAR 1983

WATER LEVELS IN METRES

MEAN, 530.116
MAXIMUM DAILY, 531.686 ON NOV 10
MINIMUM DAILY, 528.331 ON MAR 14
MAXIMUM INSTANTANEOUS,
531.710 AT 10:10 PST ON NOV 10

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 28.10 N
LONG 117 28 02 W

A - MANUAL GAUGE

REGULATED SINCE 1931

KOOTENAY RIVER AT CANAL FLATS - STATION NO 08NF002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	21.0B	20.5B	19.6	19.1	55.4	381	260	135	80.7	41.2	32.5A	24.3	1
2	21.0B	21.0B	19.3	20.0	54.2	339	226	141	82.4	40.5	33.2	17.3	2
3	21.0B	20.0B	19.3	20.7	54.0	319	244	144	83.3	39.8	33.6	16.8B	3
4	23.0B	19.9B	19.3	20.5	55.0	318	268	137	78.7	39.2	43.2	16.3B	4
5	24.7B	18.3B	19.2	20.3	57.6	286	268	129	76.7	38.8	45.6	16.4B	5
6	24.4B	17.3B	18.9	20.4	58.7	281	255	125	79.8	37.8	43.1	15.5B	6
7	24.6B	17.9B	18.9	20.8	66.5	263	255	124 E	88.0	37.1	40.8	15.8B	7
8	25.3B	19.4B	18.7	21.3	74.8	286	241	122 E	88.9	36.4	39.0	17.4B	8
9	25.8B	20.9B	18.3	21.1	74.6	294	224	120 E	84.7	35.7	37.7	20.0B	9
10	24.3B	20.7B	20.3	20.7	71.4	280	194	116 E	83.2	36.1	37.0	23.0B	10
11	22.9B	20.9B	20.7	20.4	66.8	265	176	123 E	81.5	36.7	36.3	24.0B	11
12	24.0B	21.0B	20.4	20.2	65.1	230	207	139 E	80.0	36.4	35.8	24.1B	12
13	24.0B	21.9B	20.0	20.0	70.4	201	217	139 E	86.8	36.0	35.6	24.1B	13
14	22.4B	21.8B	20.1	19.8	73.8	180	227	133 E	86.8	36.2	36.8	24.4B	14
15	20.8B	21.4B	20.0	19.8	76.5	186	206	114 E	87.8	36.7	36.5	24.4B	15
16	18.0B	21.3B	19.8	20.2	77.7	201	272	107 E	86.8	36.2	33.3	23.4B	16
17	18.5B	21.1B	19.4	20.6	79.4	206	261	100 E	86.3	33.6	33.3	21.0B	17
18	20.6B	21.6B	19.2	21.8A	84.3	217	230	95.9E	84.7	33.7	32.8	18.8B	18
19	22.2B	21.1B	18.3	23.6	86.5	218	213	92.0E	83.1	33.2	32.1	16.9B	19
20	22.3B	21.0B	18.6	25.3	89.2	187	206	89.0E	81.0	32.5	31.3	16.9B	20
21	20.6B	21.0B	19.1	25.0	94.1	171	203	84.6E	80.6	32.2	30.4	16.8B	21
22	20.7B	20.9B	19.1	25.2	111	171	188	82.5E	48.6	32.6	29.3	16.8B	22
23	22.2B	21.0B	18.7	42.0	134	203	177	81.7E	47.5	34.1	28.6	16.7B	23
24	22.0B	20.8	18.2	52.0	166	271	172	83.2E	46.5	32.9	27.9	16.4B	24
25	21.7B	20.6	18.2	80.0	216	384	162	84.2A	46.0	31.9	27.7	15.0B	25
26	21.4B	20.3	18.2	78.7	282	234	185	86.7	45.1	31.8	27.4	16.8B	26
27	22.5B	19.9	18.0	68.7	314	214	166	87.4	44.1	31.6	27.8	17.8B	27
28	22.9B	19.6	18.1	61.6	332	235	148	86.0	45.0	31.2	27.2	17.7B	28
29	21.8B		18.1	56.0	305	219	142A	84.4	43.4	31.1	26.8	17.6B	29
30	19.7B		18.2	55.0	454	239	138	81.2	42.3	31.0	26.9	18.6B	30
31	19.1B		18.2		420		134	81.3		31.7		20.6B	31
TOTAL	689.8	574.1	589.4	975.4	6 312.6	7 339	6 786	3 367.7	1 762.6	1 072.6	1 003.1	577.8	TOTAL
MEAN	22.3	20.5	19.3	32.5	139	245	219	108	58.8	34.6	33.4	18.6	MEAN
MAX	26.3	21.9	20.7	80.0	454	384	337	144	83.3	41.2	45.6	24.4	MAX
MIN	18.0	17.3	18.3	19.1	54.2	171	134	81.2	42.3	31.0	26.9	16.4	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 79.6
MAXIMUM DAILY, 454 ON MAY 30
MINIMUM DAILY, 16.4B ON DEC 24
MAXIMUM INSTANTANEOUS,
478 AT 12:45 MST ON MAY 30

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 06 52 N
LONG 115 47 57 W
DRAINAGE AREA, 6 390 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	59 000	JUL	585 000
FEB	49 000	AUG	290 000
MAR	51 000	SEP	152 000
APR	84 300	OCT	92 700
MAY	273 000	NOV	88 700
JUN	634 000	DEC	49 900

TOTAL DISCHARGE, 2 510 000 dam³

KOOTENAY RIVER AT FORT STEELE - STATION NO. 08NG065

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	39.7	39.4A	42.1	41.3	154	892	510	228	134	81.9	66.7	46.2	1
2	40.2	41.2	42.6	41.9	154	828	452	229	133	80.0	72.0	38.3	2
3	41.2	41.4	42.0	43.7	157	785	424	234	144	78.7	73.8	36.0	3
4	44.8	39.3	41.7	44.4	180	780	441	230	143	77.1	89.8	37.2	4
5	49.1	33.9	41.7	45.2	181	687	446	218	137	76.5	126	37.4	5
6	49.7	31.6	41.1	45.5	184	804	443	205	134	75.9	116	35.68	6
7	50.2	34.3	40.4	45.9	171	890	452	200	128	74.5	106	35.58	7
8	52.0	36.4	40.5	48.1	181	852	436	186	126	73.1	97.6	37.1	8
9	53.3	39.4	40.9	50.7	184	679	417	193	122	71.8	91.8	40.3	9
10	54.1	41.0	42.8	50.8	177	653	370	190	117	70.3	87.1	47.3	10
11	52.8	41.4	48.0	50.5	169	808	328	185	115	69.3	86.0	51.3E	11
12	51.8	42.2	49.5	48.7	187	819	352	217	113	67.8	83.9	51.3E	12
13	51.5	44.1	48.8	47.3	188	841	582	234	110	66.6	82.1	50.7E	13
14	49.9	44.1	48.0	46.2	176	903	695	209	108	65.8	80.0	50.0A	14
15	48.4	43.2	46.8	45.8	186	810	686	191	108	65.2	78.4	51.3	15
16	48.2	43.3	45.7	47.2	191	662	535	178	105	65.2	77.1	51.3	16
17	47.2	42.1	44.5	48.7	195	640	484	170	103	64.4	75.8	48.1	17
18	42.7	43.1	44.3	53.1	207	662	416	162	103	64.1	75.4	44.8E	18
19	46.1	42.3	42.7	60.6	217	651	380	157	101	63.1	74.4	34.0E	19
20	46.3	41.2	40.7	70.4	217	587	381	150	97.7	62.7	73.0	33.0E	20
21	44.8	41.3	41.3	81.0	236	542	358	144	94.8	62.0	71.9	32.5E	21
22	42.4	41.4	42.1	84.2	263	514	338	139	92.7	61.4	69.8	33.4E	22
23	43.6	41.4	41.2	112	335	566	310	136	90.8	62.0	67.2	32.1E	23
24	44.8	42.1	41.1	147	414	671	298	137	88.8	66.0	65.8	31.2E	24
25	45.0A	43.1	41.0	214	526	557	299	147	87.0	67.9	64.2	35.2E	25
26	44.8E	43.8	40.9	231	684	471	322	154	85.3	65.3	64.5	39.8E	26
27	45.8E	43.5	40.6	200	765	419	312	157	84.1	63.6	64.6	39.3E	27
28	45.8E	42.6	40.7	178	819	434	274	149	84.2	63.0	62.2	39.3E	28
29	45.8E		40.6	161	901	431	250	148	84.7	62.5	57.7	39.3E	29
30	42.8E		41.5	153	1 010	486	238	142	83.9	61.5	53.5	40.8	30
31	39.8E		41.9		998		230	136		60.8		41.2	31
TOTAL	1 430.4	1 144.3	1 328.5	2 547.0	10 503	15 942	12 399	5 572	3 256.2	2 109.8	2 383.7	1 280.7	TOTAL
MEAN	46.1	40.9	42.9	84.9	339	531	400	180	109	68.1	76.8	40.7	MEAN
MAX	55.3	44.1	48.8	231	1 010	892	695	234	144	81.9	126	51.3	MAX
MIN	39.7	31.8	40.4	41.3	154	314	230	136	83.9	60.8	53.5	31.2	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 184
MAXIMUM DAILY, 1 010 ON MAY 30
MINIMUM DAILY, 31.2E ON DEC 24
MAXIMUM INSTANTANEOUS,
1 050 AT 22:15 MST ON MAY 30

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 35 43 N
LONG 115 38 04 W
DRAINAGE AREA, 11 400 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	124 000	JUL	1 070 000
FEB	98 900	AUG	481 000
MAR	115 000	SEP	281 000
APR	220 000	OCT	182 000
MAY	907 000	NOV	204 000
JUN	1 380 000	DEC	109 000

TOTAL DISCHARGE, 5 170 000 dam³

KOOTENAY RIVER AT KOOTENAY CROSSING - STATION NO. 08NF001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.618E	0.401B	0.376	0.339	5.48	26.9	15.8	5.87	3.17	1.56	0.825	0.4298	1
2	0.612E	0.420B	0.371	0.365	5.48A	24.1	13.8	7.18	3.03	1.51	0.818	0.3478	2
3	0.610E	0.408B	0.367	0.364	5.66	22.0	17.7	7.06	4.33	1.47	0.844	0.3318	3
4	0.605A	0.400B	0.362	0.363	5.74	20.9	21.8	6.34	3.88	1.41	1.01	0.3198	4
5	0.618	0.370B	0.360	0.369	5.74	17.8	19.4	5.78	3.66	1.37	1.08	0.3208	5
6	0.609	0.328B	0.357	0.375	6.00	15.4	17.8	5.52	3.27	1.32	1.05	0.3108	6
7	0.606	0.341B	0.355	0.392	6.67	17.1	19.1	5.54	3.00	1.28	1.03	0.3178	7
8	0.618	0.368B	0.355	0.416	7.31	18.9	18.2	5.28	2.80	1.25	0.985	0.3378	8
9	0.606	0.390B	0.352	0.447	7.10	18.3	14.1	5.07	2.67	1.22	0.963	0.3738	9
10	0.609	0.390B	0.355	0.469	6.45	18.0	12.1	4.81	2.58	1.17	0.937	0.3958	10
11	0.600	0.390B	0.348	0.520	6.15	17.1	10.9	5.15	2.51	1.15	0.918	0.4138	11
12	0.594	0.383B	0.346	0.532	6.06	13.9	15.5	9.25	2.43	1.13	0.901	0.4178	12
13	0.578	0.395	0.347	0.540	6.28	12.5	18.7	7.25	2.36	1.12	0.885	0.3868	13
14	0.583	0.385	0.353	0.558	6.56	11.7	19.4	5.56	2.33	1.09	0.866	0.3548	14
15	0.5040	0.367	0.354	0.620	6.84	12.7	15.4	4.89	2.33	1.08	0.844	0.3548	15
16	0.4148	0.367	0.360	0.723	6.70	13.8	14.5	4.53	2.30	1.05	0.835	0.3428	16
17	0.4198	0.381	0.346	0.800	6.77	13.8	13.8	4.16	2.26	1.02	0.830	0.3308	17
18	0.4538	0.379	0.347	1.08	6.83	14.9	12.9	3.97	2.20	1.02	0.830	0.3208	18
19	0.5118	0.378	0.486	1.64	6.70	13.0	12.1	3.78	2.06	0.987	0.808	0.3118	19
20	0.5148	0.374	0.353	2.05	6.61	11.2	12.1	3.80	2.00	0.958	0.793	0.2978	20
21	0.4688	0.372	0.351	2.88	7.10	10.2	11.1	3.46	1.92	0.925	0.780	0.2838	21
22	0.4558	0.374	0.350	3.45	8.09	11.4	10.2	3.29	1.85	0.910	0.731	0.2978	22
23	0.4628	0.371	0.384	4.13	10.3	13.3	9.73	3.17	1.79	0.915	0.895	0.2828	23
24	0.4848	0.372	0.346	5.26	13.5	16.9	9.46	3.51	1.76	0.906	0.818	0.2808	24
25	0.4598	0.374	0.343	8.93	16.9	15.6	11.1	4.06	1.89	0.885	0.823	0.2878	25
26	0.4548	0.389	0.341	7.71	20.1	12.6	9.86	4.03	1.68	0.881	0.827	0.3008	26
27	0.4688	0.372	0.334	6.13	21.4	12.3	8.53	3.64	1.65	0.873	0.822	0.3018	27
28	0.4818	0.371	0.335	5.32	24.2	13.9	7.40	3.50	1.68	0.828	0.803	0.3018	28
29	0.4478		0.337	5.03	28.5	13.3	7.01	3.42	1.78A	0.808	0.813	0.3018	29
30	0.4128		0.338	5.26	30.6	17.6	6.80	3.28	1.78A	0.789	0.474	0.3028	30
31	0.3828		0.337		29.9		6.91	3.22		0.789		0.3088	31
TOTAL	16.280	10.651	10.982	66.880	337.73	471.9	412.90	150.18	73.69	33.728	24.278	10.235	TOTAL
MEAN	0.525	0.380	0.354	2.23	10.9	15.7	13.3	4.84	2.46	1.08	0.809	0.330	MEAN
MAX	0.619	0.420	0.486	8.93	30.6	26.9	21.8	9.25	4.33	1.56	1.08	0.429	MAX
MIN	0.382	0.328	0.334	0.339	5.48	10.2	6.80	3.17	1.68	0.789	0.474	0.280	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.44
MAXIMUM DAILY, 30.6 ON MAY 30
MINIMUM DAILY, 0.280B ON DEC 24
MAXIMUM INSTANTANEOUS,
32.0 AT 04:40 MST ON MAY 30

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 53 10 N
LONG 116 02 35 W
DRAINAGE AREA, 420 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 400	JUL	35 700
FEB	820	AUG	13 000
MAR	948	SEP	6 370
APR	5 730	OCT	2 810
MAY	28 200	NOV	2 100
JUN	40 800	DEC	884

TOTAL DISCHARGE, 140 000 dam³

KOOTENAY RIVER AT NELSON - STATION NO. 08NJ009

DAILY WATER LEVEL IN METRES FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	531.560	531.087	530.657	529.855	530.572	532.287	531.586	531.574	531.208	531.144	531.581	531.588	1
2	531.886	531.062	530.629	529.843	530.529	532.318	531.568	531.614	531.239	531.126	531.556	531.551	2
3	531.727	531.047	530.586	529.840	530.550	532.345	531.528	531.638	531.284	531.116	531.584	531.522	3
4	531.736	531.080	530.574	529.828A	530.581	532.345	531.507	531.672	531.309	531.114	531.658	531.500	4
5	531.693	531.071	530.556	529.834A	530.599	532.312	531.522	531.705	531.327	531.137	531.733	531.503	5
6	531.629	531.029	530.538	529.797A	530.626	532.280	531.483	531.711	531.324	531.157	531.787	531.511	6
7	531.580	530.940	530.520	529.779A	530.669	532.217	531.488	531.690	531.352	531.178	531.784	531.504	7
8	531.498	530.849	530.492	529.828	530.702	532.205	531.452	531.680	531.373	531.218	531.771	531.511	8
9	531.464	530.779	530.463	529.852	530.736	532.175	531.507	531.635	531.321A	531.218	531.775	531.525	9
10	531.452	530.754	530.419	529.831A	530.780	532.156	531.474	531.626	531.356	531.197	531.795	531.547	10
11	531.382	530.751	530.398	529.825A	530.797	532.162	531.461	531.628	531.389	531.200	531.774	531.581	11
12	531.407	530.756	530.382	529.809A	530.818	532.129	531.407	531.678	531.380	531.248	531.765	531.562	12
13	531.394	530.780	530.367	529.800A	530.894	532.065	531.431	531.585	531.395	531.306	531.758	531.511	13
14	531.394	530.763	530.331	529.812A	531.047	532.019	531.367	531.510	531.409	531.344	531.753	531.458	14
15	531.379	530.783	530.315	529.808A	531.047	532.041	531.425	531.468	531.432	531.392	531.771	531.423	15
16	531.394	530.770	530.300	529.822A	530.986	532.028	531.486	531.446	531.374	531.429	531.800	531.362	16
17	531.373	530.778	530.270	529.822A	531.047	531.998	531.510	531.413	531.344	531.472	531.765	531.390	17
18	531.367	530.773	530.245	529.828A	531.058	531.967	531.550	531.404	531.322	531.507	531.736	531.371	18
19	531.370	530.763	530.215	529.849A	531.166	531.943	531.592	531.431	531.308	531.536	531.720	531.367	19
20	531.362	530.748	530.172	529.858	531.233	531.891	531.611	531.419	531.186	531.568	531.657	531.324	20
21	531.343	530.724	530.142	529.886	531.400	531.855	531.629	531.400	531.131	531.607	531.647	531.232	21
22	531.394	530.706	530.108	529.925	531.580	531.809	531.626	531.348	531.084	531.657	531.679	531.167	22
23	531.428	530.690	530.075	529.986	531.550	531.772	531.626	531.306	531.100	531.670	531.685	531.196	23
24	531.343	530.684	530.047	530.068	531.504	531.786	531.628	531.333	531.164	531.670	531.727	531.294	24
25	531.267	530.675	530.014	530.209	531.580	531.748	531.672	531.330	531.173	531.682	531.635	531.405	25
26	531.291	530.678	529.983	530.343	531.687	531.708	531.769	531.272	531.158	531.685	531.601	531.406	26
27	531.272	530.678	529.956	530.422	531.781	531.669	531.839	531.215	531.097	531.678	531.579	531.403	27
28	531.215	530.675	529.937E	530.477	531.900	531.620	531.724	531.202	531.110	531.681	531.597	531.443	28
29	531.190		529.913E	530.498	532.028	531.562	531.678	531.160	531.118	531.643	531.579	531.484	29
30	531.157		529.898E	530.517	532.159	531.535	531.644	531.111	531.124	531.627	531.580	531.377	30
31	531.126		529.870A		532.242		531.605	531.190		531.573		531.380	31
MEAN	531.415	530.815	530.270	529.985	531.155	531.997	531.560	531.463	531.283	531.412	531.693	531.430	MEAN
MAX	531.738	531.087	530.657	530.517	532.242	532.345	531.839	531.711	531.432	531.686	531.800	531.588	MAX
MIN	531.126	530.675	529.870	529.779	530.529	531.535	531.367	531.111	531.084	531.114	531.556	531.167	MIN

SUMMARY FOR THE YEAR 1983

WATER LEVELS IN METRES

MEAN, 531.206
MAXIMUM DAILY, 532.345 ON JUN 3
MINIMUM DAILY, 529.779A ON APR 7
MAXIMUM INSTANTANEOUS,
532.355 AT 19:32 PST ON JUN 3

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 30 33 N
LONG 117 16 45 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED SINCE 1931

DRAINAGE AREA,
45 300 km²

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM 1928 ADJUSTMENT
APPLY 0.128 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

KOOTENAY RIVER AT NICKS ISLAND - STATION NO 08NH129

DAILY WATER LEVEL IN METRES FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	1.186	---	4.170	2.856	---	---	---	2.809	---	1
2	---	2.827	2.164	---	1.788	4.203	2.841	3.075	---	---	---	3.042	2
3	2.928	---	---	---	2.124	4.267	2.795	---	---	2.204	2.662	---	3
4	---	2.569	---	1.169	1.948	4.203	2.760	2.967	2.377	---	---	3.018	4
5	3.014	---	2.286	---	---	4.170	2.743	---	---	2.286	3.039	---	5
6	---	---	---	1.158	2.143	3.985	2.785	---	---	---	---	3.014	6
7	3.033	2.024	2.382	---	---	3.929	2.737	2.947	2.438	---	2.748	---	7
8	---	---	---	1.082	---	3.898	2.743	2.885	---	2.386	---	2.975	8
9	---	2.307	1.832	---	2.338	3.810	2.713	---	---	---	---	---	9
10	3.112	---	---	---	2.489	3.734	2.737	2.867	---	---	---	---	10
11	---	2.295	1.887	1.109	2.548	3.767	2.676	---	---	2.438	2.768	---	11
12	---	---	---	---	2.435	3.719	2.637	3.008	2.480	---	---	3.045	12
13	3.060	---	---	1.033	2.374	3.661	2.587	---	---	2.633	---	---	13
14	---	2.353	1.832	---	2.374	3.639	2.578	---	2.438	---	2.783	---	14
15	2.972	---	---	1.006	2.438	3.615	2.621	2.780	---	---	---	2.911	15
16	---	2.353	1.811	---	2.438	3.827	2.882	---	2.464	---	2.814	---	16
17	2.893	---	---	---	2.480	3.815	2.824	2.887	---	---	---	---	17
18	---	2.362	1.783	1.033	2.579	3.838	2.941	---	---	2.785	2.981	---	18
19	2.844	---	---	---	2.785	3.802	3.234	2.873	2.432	---	---	2.877	19
20	---	---	---	1.251	3.774	3.259	3.248	---	---	---	---	---	20
21	2.807	2.234	1.463	---	2.817	3.139	3.261	---	2.441	2.758	3.042	2.838	21
22	---	2.246	---	1.423	3.069	3.127	3.325	2.873	---	---	---	---	22
23	---	2.292	1.338	---	3.255	3.091	3.248	---	2.335	---	---	---	23
24	2.813	---	---	---	3.429	3.051	3.225	2.581	---	2.749	---	---	24
25	---	2.316	1.277	1.480	3.624	3.048	3.248	---	---	---	3.089	---	25
26	2.761	---	---	---	3.858	3.014	3.289	2.512	2.259	2.774	---	---	26
27	---	---	---	1.478	3.780	2.987	3.261	---	---	---	3.048	2.835	27
28	2.786	2.326	1.119	---	3.929	2.983	3.255	---	2.301	2.788	---	---	28
29	---		---	1.554	4.064	2.871	3.200	2.385	---	---	---	2.896	29
30	---		1.186	---	4.270	2.885	3.139	---	2.301	---	3.051	---	30
31	2.701		---		4.255		3.115	2.323		---		2.811	31
MEAN	---	---	---	---	---	3.568	2.938	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	4.267	3.289	---	---	---	---	---	MAX
MIN	---	---	---	---	---	2.885	2.579	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1983

WATER LEVELS IN METRES

MAXIMUM DAILY, 4.270 ON MAY 30
MINIMUM DAILY, 1.006 ON APR 15

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 07 02 N
LONG 116 34 39 W

REGULATED SINCE 1972

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 539.221 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

KOOTENAY RIVER BELOW CORRA LINN - STATION NO. 08NJ114

DAILY WATER LEVEL IN METRES FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	513.091	513.381	513.442	513.082	513.088	515.542	513.295	514.152	513.134	513.074	513.094	513.125	1
2	513.091	513.359	513.408	513.091	513.078	515.487	513.289	513.810	513.106	513.071	513.082A	513.121	2
3	513.073	513.228	513.389	513.088	513.094	515.389	513.289	513.630	513.131	513.080	513.092	513.134	3
4	513.056	513.116	513.311	513.085	513.085	515.447	513.192	513.311	513.134	513.070	513.090	513.130	4
5	513.181	513.119	513.268	513.070	513.088	515.441	513.078	513.490	513.116	513.077	513.088	513.126	5
6	513.286	513.125	513.244	513.073	513.088	515.234	513.085	513.804	513.109	513.087	513.086	513.110	6
7	513.402	513.119	513.222	513.231	513.094	515.081	513.082	513.804	513.122	513.050	513.059	513.141	7
8	513.561	513.250	513.213	513.180	513.106	515.288	513.070	513.785	513.280	513.057	513.088	513.262	8
9	513.584	513.213	513.207	513.085	513.087	515.630	513.064	513.792	513.119	513.073	513.087	513.277	9
10	513.335	513.187	513.201	513.088	513.091	515.051	513.088	513.783	513.119	513.047	513.082	513.287	10
11	513.798	513.143	513.188	513.085	513.100	514.972	513.082	513.765	513.122	513.071	513.085	513.268	11
12	513.554	513.125	513.170	513.091	513.108	515.289	513.081	513.881	513.128	513.059	513.083	513.276	12
13	513.561	513.128	513.148	513.100	513.149	514.816	513.864	514.371	513.347A	513.081	513.072	513.261	13
14	513.554	513.143	513.108	513.100	513.134	514.371	514.185	514.277	513.434	513.103	513.092	513.251	14
15	513.451	513.436	513.108	513.088	513.131	514.078	514.274	513.964	513.488	513.109	513.099	513.254	15
16	513.335	513.821	513.088	513.094	513.140	514.078	514.307	513.789	513.457	513.098	513.128	513.274	16
17	513.304	514.038	513.055	513.100	513.152	514.024	514.137	513.728	513.480	513.098	513.121	513.258	17
18	513.240	513.584	513.058	513.091	513.146	513.932	513.887	513.347	513.430	513.100	513.099	513.249	18
19	513.213	513.578	513.073	513.100	513.149	513.835	513.804	513.134	513.314	513.078	513.361	513.263	19
20	513.170	513.579	513.052	513.091	513.143	513.661	513.914	513.125	513.343	513.074	513.585	513.538	20
21	513.140	513.539	513.058	513.103	513.146	513.579	513.978	513.108	513.344	513.082	513.283	513.668	21
22	513.143	513.521	513.061	513.082	513.140	513.460	513.954	513.536	513.333	513.104	513.123	513.456	22
23	513.137	513.500	513.073	513.085	513.838	513.328	513.960	513.384	513.238	513.102	513.134	513.279	23
24	513.362	513.490	513.073	513.094	514.380	513.285	514.021	513.128	513.285	513.088	513.140	513.278	24
25	513.362	513.478	513.100	513.082	514.481	513.289	514.042	513.149	513.196	513.104	513.128	513.262	25
26	513.240	513.497	513.594	513.088	515.072	513.289	513.911	513.131	513.106	513.099	513.130	513.275	26
27	513.323	513.481	513.591	513.198	514.957	513.301	514.078	513.119	513.092	513.101	513.131	513.271	27
28	513.414	513.478	513.350	513.155	515.450	513.295	514.219	513.122	513.101	513.107	513.118	513.268	28
29	513.448		513.210	513.085	515.697	513.301	514.237	513.131	513.110	513.095	513.126	513.272	29
30	513.387		513.100	513.082	515.755	513.295	514.027	513.109	513.077	513.111	513.129	513.258	30
31	513.402		513.103		515.557		513.920	513.131		513.119		513.289	31
MEAN	513.344	513.373	513.202	513.102	513.089	514.336	513.884	513.538	513.225	513.085	513.133	513.268	MEAN
MAX	513.635	514.039	513.594	513.231	515.755	515.630	514.307	514.371	513.480	513.119	513.585	513.685	MAX
MIN	513.056	513.116	513.052	513.070	513.079	513.289	513.061	513.108	513.077	513.047	513.059	513.110	MIN

SUMMARY FOR THE YEAR 1983

WATER LEVELS IN METRES

MEAN, 513.413
MAXIMUM DAILY, 515.755 ON MAY 30
MINIMUM DAILY, 513.047 ON OCT 10
MAXIMUM INSTANTANEOUS,
515.185 AT 23:55 PST ON JUN 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 28 08 N
LONG 117 28 05 W

A - MANUAL GAUGE

REGULATED SINCE 1931

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

KOOTENAY RIVER NEAR SKOOKUMCHUCK - STATION NO 08NG053

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	25.3	24.3	25.8	25.2	76.0	508	338	172	87.0	52.4	41.3	28.8	1
2	25.0	25.3	25.6	25.8	76.9	468	300	177	100	51.4	42.5	23.2	2
3	25.7	24.9	26.3	26.9	78.6	458	300	183	108	50.7	42.8	22.0	3
4	26.3	24.3	26.3	27.2	80.3	451	323	173	88.0	50.0	56.0	20.8	4
5	25.6	21.8	25.9	27.1	81.7	399	330	161	95.2	49.7	81.9	21.5	5
6	25.0	20.4	25.6	26.9	84.0	389	322	155	88.9	48.2	56.4	19.8	6
7	25.3	21.1	25.6	27.5	90.7	388	328	153	85.4	47.3	53.5	20.6	7
8	31.6	23.0	25.7	28.4	101	409	312	151	84.3	46.1	50.9	22.8	8
9	30.7	24.4	26.2	28.3	103	415	292	148	79.7	45.1	48.4	25.8	9
10	26.8	26.8	26.2	28.0	98.1	392	258	148	77.5	44.8	47.4	29.5	10
11	26.6	26.8	29.4	27.4	94.2	381	235	153	74.6	43.8	46.7	31.1	11
12	26.9	27.8	28.5	26.7	92.8	313	279	175	72.3	42.9	45.9	31.1	12
13	26.6	28.4	28.0	26.4	84.5	273	411	172	70.3	42.2	45.1	31.0	13
14	26.9	28.0	27.8	26.3	100	258	440	150	69.5	42.1	44.0	31.6	14
15	24.6	27.8	27.3	26.2	104	270	402	140	68.4	42.6	43.0	31.7	15
16	21.4	27.2	26.9	27.0	107	284	343	132	67.8	42.3	42.5	30.4	16
17	21.8	26.9	26.4	27.6	110	287	314	124	67.4	41.6	42.3	26.9	17
18	23.9	27.8	26.0	29.0	118	302	288	118	68.2	41.7	41.9	21.0	18
19	26.3	27.0	24.9	31.8	118	290	269	115	64.1	40.9	41.2	19.4	19
20	26.6	26.7	24.8	34.7	114	251	262	108	61.2	40.6	40.8	19.3	20
21	24.8	26.8	25.5	38.2	130	228	257	105	59.3	40.2	39.8	19.28	21
22	24.6	26.5	25.4	45.7	152	219	239	102	57.9	40.5	38.4	19.18	22
23	26.3	26.9	25.0	55.0	183	258	224	101	57.1	42.6	37.4	19.08	23
24	26.5	27.8	25.1	72.6	227	348	218	104	56.7	41.5	38.3	18.88	24
25	26.6	26.5	25.3	111	289	384	226	114	54.5	40.5	36.7	19.58	25
26	25.9	27.9	25.2	111	365	304	242	117	54.0	39.9	37.8	22.58	26
27	26.7	27.1	25.0	85.4	420	266	219	114	54.6	39.5	37.4	23.48	27
28	27.3	26.7	25.1	65.0	448	299	194	103	58.6	39.4	35.4	23.08	28
29	26.2		25.1	76.0	516	293	181	104	55.2	38.9	32.7	23.08	29
30	23.8		25.3	77.0	596	325	174	98.7	53.0	37.5	31.9	25.8	30
31	22.6		25.3		582		171	97.4		36.8		27.3	31
TOTAL	821.2	728.5	810.3	1 323.3	5 817.3	10 036	8 892	4 188.1	2 151.8	1 346.4	1 298.1	748.7	TOTAL
MEAN	26.5	26.0	26.1	44.1	188	335	280	134	71.7	43.4	43.3	24.2	MEAN
MAX	31.6	28.5	29.4	111	596	508	440	183	108	52.4	81.9	31.7	MAX
MIN	21.4	20.4	24.8	25.2	76.9	218	171	97.4	53.0	36.5	31.9	18.6	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 104
MAXIMUM DAILY, 596 ON MAY 30
MINIMUM DAILY, 18.68 ON DEC 24
MAXIMUM INSTANTANEOUS,
615 AT 14:55 MST ON MAY 30

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 54 38 N
LONG 115 44 08 W
DRAINAGE AREA, 7 120 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	71 000	JUL	751 000
FEB	62 900	AUG	380 000
MAR	70 000	SEP	185 000
APR	114 000	OCT	116 000
MAY	503 000	NOV	112 000
JUN	867 000	DEC	64 700

TOTAL DISCHARGE, 3 280 000 dam³

KOPP CREEK ABOVE MENZ CREEK - STATION NO. 08MF087

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.072E	0.068E	0.076	0.068E	0.076E	0.062E	---	---	---	1
2	---	---	---	0.073E	0.068E	0.075E	0.069E	0.076E	0.064E	---	---	---	2
3	---	---	---	0.074E	0.070E	0.074E	0.069E	0.076E	0.064E	---	---	---	3
4	---	---	---	0.075	0.069E	0.073E	0.068E	0.075E	0.062E	0.064	---	---	4
5	---	---	---	0.076E	0.069E	0.072E	0.068E	0.074E	0.061E	---	---	---	5
6	---	---	---	0.075E	0.070E	0.072E	0.068E	0.074E	0.060E	---	---	---	6
7	---	---	---	0.074E	0.070E	0.071E	0.070E	0.073E	0.060E	---	---	---	7
8	---	---	---	0.073E	0.069E	0.071E	0.069E	0.073E	0.060E	---	---	---	8
9	---	---	---	0.073E	0.070E	0.072E	0.068E	0.072E	0.062E	---	---	---	9
10	---	---	---	0.072E	0.069E	0.074E	0.070E	0.072E	0.062E	---	---	---	10
11	---	---	---	0.071E	0.068E	0.073E	0.075E	0.072	0.061E	---	---	---	11
12	---	---	---	0.070E	0.068E	0.072E	0.080E	0.071E	0.061E	---	---	---	12
13	---	---	---	0.069E	0.069E	0.073E	0.085E	0.070E	0.060E	---	---	---	13
14	---	---	---	0.068E	0.070	0.074E	0.080E	0.068E	0.060E	---	---	---	14
15	---	---	---	0.067E	0.069E	0.075	0.080E	0.067E	0.060E	---	---	---	15
16	---	---	---	0.067E	0.068E	0.070E	0.080E	0.066E	0.060E	---	---	---	16
17	---	---	---	0.067E	0.068E	0.075E	0.080E	0.064E	0.061E	---	---	---	17
18	---	---	---	0.068E	0.068E	0.072E	0.080E	0.063E	0.061E	---	---	---	18
19	---	---	---	0.068E	0.068E	0.070E	0.080E	0.062	0.061E	---	---	---	19
20	---	---	---	0.069E	0.067E	0.070E	0.080E	0.062E	0.061E	---	---	---	20
21	---	---	---	0.070E	0.067E	0.070E	0.080E	0.062E	0.061E	---	---	---	21
22	---	---	---	0.070E	0.067E	0.069E	0.080E	0.061E	0.062E	---	---	---	22
23	---	---	---	0.070E	0.066E	0.069E	0.081	0.061E	0.062E	---	---	---	23
24	---	---	---	0.070E	0.066E	0.068E	0.080E	0.061E	0.062E	---	---	---	24
25	---	---	---	0.069E	0.067E	0.068E	0.080E	0.061E	0.062E	---	---	---	25
26	---	---	---	0.069E	0.068E	0.070E	0.079E	0.061E	0.062E	---	---	---	26
27	---	---	---	0.069E	0.070E	0.069E	0.079E	0.060E	0.063E	---	---	---	27
28	---	---	---	0.069E	0.071E	0.068E	0.078E	0.062E	0.063E	---	---	---	28
29	---		---	0.069E	0.072E	0.070E	0.078E	0.063E	0.063E	---	---	---	29
30	---		---	0.068E	0.074E	0.069E	0.077E	0.064E	0.063E	---	---	---	30
31	---		---		0.075E		0.077E	0.063E		---		---	31
TOTAL	---	---	---	2.113	2.138	2.144	2.366	2.084	1.848	---	---	---	TOTAL
MEAN	---	---	---	0.070	0.069	0.071	0.076	0.067	0.062	---	---	---	MEAN
MAX	---	---	---	0.075	0.075	0.076	0.080	0.076	0.064	---	---	---	MAX
MIN	---	---	---	0.067	0.066	0.068	0.068	0.060	0.060	---	---	---	MIN

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 23 03 N
LONG 121 23 26 W

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	204
FEB	---	AUG	180
MAR	---	SEP	159
APR	183	OCT	---
MAY	185	NOV	---
JUN	185	DEC	---

KUSKANAX CREEK AT 1040 m CONTOUR - STATION NO. 08NE117

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.795B	0.600	0.619	0.759	6.10	22.9	12.2	5.29	2.17	1.54	5.22	1.18	1
2	0.820B	0.596	0.610	0.745	6.45	31.1	13.9	5.93	4.43	1.48	4.41	1.34	2
3	0.815B	0.590B	0.605	0.760	6.88	30.9	13.3	4.75	3.74	1.43	5.39	1.67	3
4	0.807	0.585B	0.604	0.761	6.75	24.2	11.8	4.09	3.33	1.60	7.20	1.40	4
5	0.811	0.580B	0.603	0.758	7.03	20.7	11.8	3.68	3.36	1.44	5.61	1.26	5
6	0.795	0.575B	0.594	0.768	7.94	18.1	15.2	3.52	3.26	1.36	5.17	1.24	6
7	0.772	0.570B	0.598	0.801	8.83	23.0	13.7	3.30	2.83	1.31	4.48	1.20	7
8	0.769	0.566B	0.597	0.842	8.64	24.4	12.5	3.11	3.09	1.26	3.98	1.18	8
9	0.780B	0.563B	0.714	0.827	7.70	23.8	10.7	2.87	2.98	1.22	3.60	1.22	9
10	0.795B	0.556B	0.823	0.806	7.14	25.3	8.71	2.94	2.81	1.19	3.30	1.18	10
11	0.830B	0.615	0.814	0.883	6.87	19.0	14.0	4.60	3.50	1.16	3.26	1.13	11
12	0.860B	0.638	0.839	0.878	7.12	14.7	42.1	5.35	3.56	1.14	3.03	1.10	12
13	0.820B	0.650	0.827	0.886	7.87	13.5	36.0	3.50	3.44	1.11	2.78	1.09	13
14	0.785B	0.630	0.814	0.888	8.75	15.9	20.4	3.02	3.56	1.07	2.80	1.06	14
15	0.772	0.611	0.812	0.925	9.53	21.0	20.5	2.76	3.23	1.08	2.59	1.03	15
16	0.800B	0.603	0.798	1.05	10.6	16.9	18.1	2.51	3.19	1.02	2.05	0.997	16
17	0.760B	0.592	0.795	1.24	11.7	16.9	13.2	2.30	3.15	1.05	2.54	1.01	17
18	0.730B	0.588	0.786	1.71	13.2	16.5	11.3	2.16	2.95	1.03	2.42	1.00B	18
19	0.707	0.595	0.765	2.39	12.1	14.7	10.5	1.88	2.89	1.03	2.34	1.00B	19
20	0.669	0.597	0.777	3.19	12.2	14.0	10.0	1.87	2.54	1.06	2.20	0.965B	20
21	0.636	0.598	0.765	4.01	15.3	12.3	8.41	1.78	2.43	1.07	2.08	0.975B	21
22	0.628	0.602	0.764	4.83	17.4	11.9	7.51	1.88	2.33	2.21	1.98	0.900B	22
23	0.626	0.577	0.727	6.04	21.1	13.4	7.11	1.84	2.23	1.72	1.88	0.930B	23
24	0.631	0.587	0.730	9.41	25.3	14.6	7.16	1.63	2.10	1.54	1.82	0.900B	24
25	0.616	0.666	0.725	10.4	28.9	12.0	6.19	1.61	1.97	1.54	1.77	0.895B	25
26	0.623	0.656	0.724	8.27	28.8	10.7	5.97	1.62	1.88	1.54	1.69	0.875B	26
27	0.620	0.636	0.723	6.92	29.9	11.3	6.40	1.60	1.88	1.64	1.64	0.900B	27
28	0.626	0.627	0.739	5.94	36.5	12.7	6.21	2.28	1.76	1.59	1.58	0.905B	28
29	0.627		0.739	5.57	40.8	14.6	5.56	1.86	1.68	1.57	1.33	0.900B	29
30	0.606		0.741	5.76	42.6	18.1	5.40	1.70	1.60	1.98	1.31	0.855B	30
31	0.603		0.757		36.8		5.23	1.58		6.24		0.875B	31
TOTAL	22.540	16.845	22.656	80.268	498.71	[illegible]	405.74	88.57	84.76	47.18	92.04	32.987	TOTAL
MEAN	0.727	0.602	0.731	2.68	16.0	18.6	13.1	2.86	2.83	1.52	3.07	1.06	MEAN
MAX	0.860	0.668	0.814	10.4	47.6	32.9	42.1	5.93	4.43	6.24	7.20	1.67	MAX
MIN	0.603	0.556	0.594	0.745	6.10	10.7	5.23	1.58	1.60	1.02	1.31	0.855	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.38
MAXIMUM DAILY, 42.6 ON MAY 30
MINIMUM DAILY, 0.556B ON FEB 10
MAXIMUM INSTANTANEOUS,
57.2 AT 08:00 PST ON JUL 12

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 20 26 N
LONG 117 31 06 W
DRAINAGE AREA, 113 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 950	JUL	35 100
FEB	1 460	AUG	7 650
MAR	1 960	SEP	7 320
APR	7 710	OCT	4 080
MAY	42 900	NOV	7 950
JUN	48 200	DEC	2 850

TOTAL DISCHARGE, 169 000 dam³

KUSKANAX CREEK NEAR NASKUP - STATION NO. 08NE005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.51	2.18	2.84	2.91	18.2	62.4	30.6	14.2	5.62	4.01	11.0	3.76	1
2	2.71	2.16	2.85	3.69	18.7	77.6	34.5	15.2	9.44	4.69	9.49	4.29	2
3	2.86	2.03	2.81	3.81	19.1	77.0	33.7	13.5	8.79	4.60	10.6	4.89	3
4	2.84	1.77	2.87	3.81	19.1	62.5	26.1	12.4	7.95	4.77	14.7	4.88	4
5	2.89	2.100	3.03	3.92	19.2	52.8	26.1	11.4	8.00	4.83	13.0	4.27	5
6	2.83	2.000	3.46	4.03	20.0	49.1	24.9	11.2	7.24	4.46	12.1	4.15	6
7	2.81	2.000	3.48	4.86	22.0	57.3	24.7	10.3	6.66	4.26	11.0	4.16	7
8	2.858	1.950	3.60	5.00	22.2	68.4	25.3	9.26	7.00	4.11	10.0	4.11	8
9	2.838	1.888	3.46	4.83	20.5	71.0	25.4	8.91	7.16	4.03	9.13	4.28	9
10	2.12	2.000	4.95	4.46	19.4	64.5	20.7	8.56	7.08	3.87	8.39	4.14	10
11	2.708	2.03	5.00	4.25	18.2	60.0	27.4	11.1	8.27	3.78	8.20	3.94	11
12	2.888	2.26	4.45	4.08	18.3	60.5	78.7	13.3	8.26	3.72	8.09	3.83	12
13	2.788	2.55	4.15	4.06	18.7	37.7	85.5	10.0	8.04	3.66	7.86	3.84	13
14	2.859	2.38	3.98	4.10	20.6	41.5	70.3	8.77	7.83	3.59	7.68	3.76	14
15	2.90	2.36	3.88	4.23	21.9	53.3	54.1	8.13	7.67	3.53	7.21	3.65	15
16	2.46	2.34	3.74	4.78	23.8	49.0	44.7	7.65	7.37	3.46	7.05	3.90	16
17	2.868	2.31	3.66	5.26	25.4	50.0	35.3	7.03	7.45	3.52	7.49	3.84	17
18	2.46	2.20	3.67	6.81	30.3	48.0	33.8	6.81	7.05	3.48	7.11	3.33	18
19	2.43	2.31	3.24	8.61	28.4	38.9	27.6	6.64	6.63	3.44	6.88	3.84	19
20	2.37	2.36	3.22	10.9	26.6	36.8	25.3	6.16	6.30	3.96	6.48	3.628	20
21	2.38	2.40	3.15	13.2	37.0	30.5	21.6	5.95	6.07	3.94	6.12	3.218	21
22	2.28	2.32	3.11	14.8	61.2	28.0	19.7	5.81	5.84	5.68	5.94	3.218	22
23	2.38	2.33	3.08	17.2	68.2	32.3	19.3	5.64	5.81	5.62	5.78	3.158	23
24	2.34	2.41	3.20	21.2	61.3	38.7	19.2	5.67	5.67	4.48	5.64	3.098	24
25	2.29	2.84	3.38	28.1	68.2	30.0	19.7	5.60	5.60	4.42	5.94	3.098	25
26	2.28	2.84	3.39	31.3	78.0	28.4	20.5	5.51	5.48	4.36	5.47	3.068	26
27	2.33	2.76	3.34	19.3	71.7	26.6	18.2	5.52	5.41	4.42	5.38	3.008	27
28	2.31	2.72	3.36	18.3	86.4	30.6	17.6	5.40	5.30	4.33	5.29	2.998	28
29	2.18		3.26	17.6	100	24.6	18.8	5.73	5.11	4.29	4.48	3.068	29
30	2.26		3.83	15.0	103	44.6	15.4	5.62	4.92	4.63	4.33	3.088	30
31	2.26		3.81		94.2		14.7	5.37		10.9		3.018	31
TOTAL	78.81	64.27	102.84	284.81	1 220.5	1 433.1	989.5	283.29	207.86	126.03	236.94	111.29	TOTAL
MEAN	2.67	2.30	3.35	9.56	39.4	47.8	31.9	8.49	6.93	4.39	7.90	3.59	MEAN
MAX	3.86	2.94	5.09	28.1	103	82.4	85.5	15.2	9.44	10.9	14.7	4.89	MAX
MIN	2.12	1.77	2.48	3.81	18.2	28.4	14.7	5.37	4.92	3.44	4.33	3.84	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 16.1
MAXIMUM DAILY, 103 ON MAY 30
MINIMUM DAILY, 1.77 ON FEB 4
MAXIMUM INSTANTANEOUS,
108 AT 10:25 PST ON JUL 12

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 15 03 N
LONG 117 46 44 W
DRAINAGE AREA, 350 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	6 820	JUL	85 500
FEB	5 580	AUG	24 700
MAR	8 880	SEP	18 000
APR	24 600	OCT	11 000
MAY	105 000	NOV	20 500
JUN	124 000	DEC	9 620

TOTAL DISCHARGE, 442 000 dam³

LAKE KOOCANUSA AT INTERNATIONAL BOUNDARY - STATION NO 08NE079

DAILY WATER LEVEL IN METRES FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	0.688	5.338	5.300	3.838	---	---	1
2	---	---	---	---	---	---	0.985	5.331	5.311	3.819	---	---	2
3	---	---	---	---	---	---	1.245	5.319	5.318	3.588	---	---	3
4	---	---	---	---	---	---	1.512	5.300	5.334	3.440	---	---	4
5	---	---	---	---	---	---	1.781	5.276	5.348	3.315	0.325A	---	5
6	---	---	---	---	---	---	2.051	5.291	5.358	3.181	0.603	---	6
7	---	---	---	---	---	---	2.318	5.338	5.382	3.064	0.671	---	7
8	---	---	---	---	---	---	2.600	5.388	5.388	2.988	0.621	---	8
9	---	---	---	---	---	---	2.859	5.338	5.318	2.924	0.680	---	9
10	---	---	---	---	---	---	3.089	5.312	5.248	2.843	0.691	---	10
11	---	---	---	---	---	---	3.289	5.288	5.234	2.842	0.636	---	11
12	---	---	---	---	---	---	3.473	5.298	5.177	2.433	0.686	---	12
13	---	---	---	---	---	---	3.701	5.286	5.038	2.239	0.698	---	13
14	---	---	---	---	---	---	4.111	5.320	4.851	2.031	0.686	---	14
15	---	---	---	---	---	---	4.520	5.347	4.736	1.820	0.642	---	15
16	---	---	---	---	---	---	4.828	5.358	4.633	1.688	0.581	---	16
17	---	---	---	---	---	---	5.013	5.353	4.559	1.416	0.523	---	17
18	---	---	---	---	---	---	5.104	5.337	4.520	1.217	0.446	---	18
19	---	---	---	---	---	---	5.182	5.286	4.501	1.022	0.377	---	19
20	---	---	---	---	---	---	5.203	5.285	4.482	0.818	---	---	20
21	---	---	---	---	---	---	5.231	5.287	4.433	0.686	---	---	21
22	---	---	---	---	---	---	5.262	5.282	4.312	0.497	---	---	22
23	---	---	---	---	---	---	5.237	5.276	4.198	0.456	---	---	23
24	---	---	---	---	---	---	5.234	5.294	4.117	0.398	---	---	24
25	---	---	---	---	---	---	5.207	5.303	4.082	0.327	---	---	25
26	---	---	---	---	---	---	5.221	5.310	4.025	---	---	---	26
27	---	---	---	---	---	---	5.267	5.313	3.936	---	---	---	27
28	---	---	---	---	---	---	5.300	5.334	3.862	---	---	---	28
29	---		---	---	---	---	5.310	5.337	3.772	---	---	---	29
30	---		---	---	---	0.348A	5.319	5.338	3.681	---	---	---	30
31	---		---		---		5.331	5.316		---		---	31
MEAN	---	---	---	---	---	---	3.918	5.310	4.713	---	---	---	MEAN
MAX	---	---	---	---	---	---	5.331	5.388	5.382	---	---	---	MAX
MIN	---	---	---	---	---	---	0.688	5.258	3.681	---	---	---	MIN

SUMMARY FOR THE YEAR 1983

WATER LEVELS IN METRES

MAXIMUM DAILY, 5.388 ON AUG 8

MAXIMUM INSTANTANEOUS,
5.395 AT 08:10 MST ON AUG 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 00 01 N
LONG 115 10 12 W

A - MANUAL GAUGE

REGULATED SINCE 1972

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 704.000 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

LAMBLY CREEK ABOVE TERRACE CREEK - STATION NO. [illegible]

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.1228	0.0778	0.1628	0.686	5.11	5.20	0.720	0.316	0.196	0.166	0.130	0.1778	1
2	0.1208	0.0718	0.1688	0.717	4.96	4.31	0.636	0.302	0.207	0.166	0.163	0.1378	2
3	0.1188	0.0688	0.1628	0.670	3.85	3.50	0.782	0.272	0.206	0.166	0.403	0.1618	3
4	0.1138	0.0578	0.1528	0.688	3.73	2.87	0.653	0.257	0.222	0.166	0.606	0.1368	4
5	0.1078	0.0628	0.1098	0.760	4.63	2.44	0.637	0.263	0.250	0.144	0.266	0.1348	5
6	0.1088	0.0618	0.2068	0.772	4.14	2.16	0.620	0.226	0.226	0.163	0.295	0.1368	6
7	0.1108	0.0688	0.2274	0.821	4.27	2.03	0.616	0.211	0.167	0.088	0.256	0.1368	7
8	0.1138	0.0628	0.262	0.811	3.67	1.82	0.604	0.203	0.139	0.161	0.237	0.1328	8
9	0.1118	0.0788	0.545	0.633	3.30	1.71	0.651	0.198	0.126	0.088	0.238	0.1378	9
10	0.1158	0.0748	0.660	0.776	3.96	1.63	0.563	0.203	0.203	0.066	0.233	0.1438	10
11	0.1268	0.0728	0.645	0.734	3.03	1.46	0.566	0.301	0.288	0.065	0.247	0.1378	11
12	0.1178	0.0828	0.711	0.883	3.07	1.31	0.558	0.258	0.280	0.081	0.266	0.1518	12
13	0.1128	0.1068	0.635	0.680	3.65	1.21	0.559	0.276	0.230	0.081	0.267	0.1528	13
14	0.1068	0.1518	0.673	0.706	4.11	1.12	0.551	0.246	0.195	0.063	0.285	0.1468	14
15	0.0988	0.1648	0.617	0.785	4.33	1.07	0.533	0.216	0.168	0.168	0.392	0.1308	15
16	0.1088	0.1488	0.466	0.880	4.78	1.22	0.561	0.187	0.187	0.066	0.661	0.1378	16
17	0.1078	0.1348	0.680	1.18	4.95	1.22	0.566	0.171	0.163	0.111	0.682	0.1148	17
18	0.1118	0.1368	0.486	1.30	4.66	1.24	0.518	0.168	0.164	0.123	0.618	0.1068	18
19	0.1128	0.1328	0.473	1.61	5.05	1.08	0.478	0.166	0.166	0.121	0.436	0.0918	19
20	0.1058	0.1288	0.488	2.06	5.33	1.03	0.462	0.151	0.170	0.134	0.463	0.0838	20
21	0.1048	0.1278	0.460	2.66	7.66	1.03	0.453	0.137	0.160	0.137	0.3708	0.0748	21
22	0.0978	0.1268	0.486	3.03	7.86	0.923	0.439	0.123	0.156	0.166	0.323	0.0688	22
23	0.0928	0.1258	0.484	3.60	8.06	1.06	0.388	0.127	0.168	0.177	0.330	0.0638	23
24	0.0928	0.1608	0.469	4.60	9.46	1.20	0.388	0.122	0.130	0.161	0.362	0.0648	24
25	0.0968	0.1648	0.460	4.61	8.01	1.03	0.362	0.136	0.118	0.123	0.363	0.0718	25
26	0.0978	0.1628	0.463	3.83	7.78	0.966	0.430	0.145	0.118	0.127	0.336	0.0618	26
27	0.0918	0.1568	0.545	3.44	7.60	0.833	0.380	0.132	0.111	0.126	0.323	0.0688	27
28	0.0818	0.1608	0.550	3.21	8.02	0.784	0.281	0.138	0.108	0.118	0.318	0.0638	28
29	0.0768		0.563	3.30	8.42	0.764	0.388	0.125	0.108	0.112	0.301	0.0688	29
30	0.0758		0.666	3.66	7.61	0.765	0.242	0.139	0.106	0.112	0.2258	0.0888	30
31	0.0688		0.665		6.13		0.311	0.120		0.118		0.1148	31
TOTAL	3.280	3.041	14.668	55.023	166.11	46.476	15.612	6.151	5.503	3.671	10.003	3.630	TOTAL
MEAN	0.103	0.108	0.473	1.83	5.42	1.55	0.536	0.200	0.183	0.118	0.336	0.114	MEAN
MAX	0.123	0.160	0.880	4.66	9.46	5.26	0.836	0.361	0.207	0.166	0.661	0.177	MAX
MIN	0.078	0.063	0.163	0.656	3.03	0.765	0.311	0.120	0.104	0.081	0.130	0.062	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.931
MAXIMUM DAILY, 9.46 ON MAY 24
MINIMUM DAILY, 0.0538 ON FEB 5
MAXIMUM INSTANTANEOUS, 11.3 AT 20:56 PST ON MAY 24

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 59 30 N
LONG 119 36 52 W
DRAINAGE AREA, 75.1 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	277	JUL	1 420
FEB	263	AUG	535
MAR	1 270	SEP	453
APR	4 830	OCT	306
MAY	14 500	NOV	872
JUN	4 270	DEC	306

TOTAL DISCHARGE, 29 300 dam³

LANG CREEK NEAR POWELL RIVER - STATION NO. [illegible]

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	6.61	5.22	5.27	10.4	1.91	0.566	1.61	1.13	1.04	0.676	4.68	7.26	1
2	7.62	4.85	5.21	11.6	1.76	0.563	1.46	1.08	4.30	0.666	7.38	6.61	2
3	10.2	4.67	7.22	8.46	1.60	0.476	1.46	0.964	2.66	0.486	10.5	5.64	3
4	8.66	4.18	6.64	7.73	1.66	0.424	1.40	0.835	1.65	0.406	16.6	5.01	4
5	10.2	3.67	6.31	6.83	1.46	0.434	1.31	0.861	1.51	0.461	16.6	4.47	5
6	9.16	2.76	6.16	5.63	1.81	0.365	1.16	0.767	1.31	0.434	9.04	4.02	6
7	8.67	2.76	6.06	5.22	1.76	0.374	1.10	0.732	1.26	0.432	8.31	3.65	7
8	15.6	3.68	7.27	4.73	2.30	0.343	1.08	0.635	1.26	0.422	7.01	3.65	8
9	13.6	6.53	20.5	4.43	2.60	0.320	0.936	0.567	1.21	0.416	7.06	3.17	9
10	17.7	8.61	21.6	3.67	2.21	0.446	0.964	0.660	1.40	0.401	7.42	2.66	10
11	16.2	26.6	17.7	3.36	1.83	0.464	4.35	0.646	1.02	0.360	6.63	2.76	11
12	16.5	26.6	12.6	3.44	1.72	0.481	5.71	0.461	1.74	0.360	11.2	2.72	12
13	10.7	30.5	10.6	3.25	1.61	0.460	5.66	0.476	1.51	0.364	16.4	3.60	13
14	12.6	21.2	10.4	3.60	1.61	0.434	4.66	0.418	1.26	0.346	16.6	3.11	14
15	10.1	16.2	10.6	2.76	1.63	0.466	4.26	0.461	1.11	0.336	26.4	3.02	15
16	9.26	16.2	8.71	2.61	1.60	0.466	3.66	0.336	0.860	0.336	46.6	3.34	16
17	6.26	22.4	7.62	2.46	1.52	0.636	3.30	0.316	0.763	0.633	33.1	2.76	17
18	9.86	26.6	6.46	2.36	1.46	1.12	2.76	0.314	1.21	0.601	31.2	2.51	18
19	12.2	16.6	5.76	2.23	1.41	1.16	2.38	0.366	0.661	0.436	22.1	2.36	19
20	10.6	26.4	5.33	2.17	1.51	1.10	2.15	0.366	0.464	1.63	16.6	2.01	20
21	8.65	20.7	4.66	2.16	1.16	0.863	1.83	0.366	0.603	1.60	16.2	1.86	21
22	7.62	20.1	4.36	2.11	1.13	0.666	1.62	0.263	0.767	2.06	13.2	1.66	22
23	7.46	26.6	4.30	1.96	1.06	0.661	1.72	0.264	0.662	2.56	11.5	1.66	23
24	6.66	26.7	3.66	2.65	0.652	2.66	1.56	0.331	0.652	2.12	16.7	1.46	24
25	6.26	17.7	3.62	2.36	0.641	4.42	1.36	0.316	0.663	1.66	16.2	1.36	25
26	5.66	16.2	3.35	2.11	0.767	3.37	1.36	0.184	0.577	2.05	16.5	1.35	26
27	5.78	12.6	3.26	2.07	0.716	2.46	1.51	0.178	0.567	3.36	13.7	1.66	27
28	5.46	10.3	3.31	2.56	0.663	1.66	1.73	0.363	0.546	4.66	11.5	1.66	28
29	5.61		6.46	2.21	0.636	1.66	1.66	0.267	0.621	2.42	6.76	1.63	29
30	5.42		16.5	2.66	0.666	1.46	1.61	0.304	0.563	2.61	6.67	1.66	30
31	6.13		10.2		0.646		1.36	0.366		5.17		3.11	31
TOTAL	321.76	436.36	262.63	122.26	48.362	31.166	72.766	14.678	35.663	61.336	662.12	91.26	TOTAL
MEAN	10.4	15.7	8.47	4.06	1.66	1.04	2.35	0.463	1.20	1.34	15.4	2.94	MEAN
MAX	16.6	36.6	30.5	11.6	3.66	4.42	5.71	1.13	4.30	5.17	46.6	7.26	MAX
MIN	4.61	3.66	3.26	1.56	0.546	0.326	0.936	0.178	0.463	0.336	4.68	1.63	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.21
MAXIMUM DAILY, 46.6 ON NOV 16
MINIMUM DAILY, 0.178 ON AUG 27

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 47 50 N
LONG 124 23 46 W
DRAINAGE AREA, 120 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	27 800	JUL	6 290
FEB	37 000	AUG	1 260
MAR	22 700	SEP	3 130
APR	10 600	OCT	5 550
MAY	3 750	NOV	39 600
JUN	2 690	DEC	7 880

TOTAL DISCHARGE, 163 000 dam³

LARDEAU RIVER AT MARBLEHEAD - STATION NO. 08NH007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	12.50	12.9	15.3	20.2	81.2	297	167	98.8	67.7	26.5	31.6	22.4	1
2	12.40	12.8	15.2	20.6	80.5	255	195	100	55.9	25.9	30.6	22.1	2
3	12.30	12.5	15.4	20.8	82.9	258	167	96.2	53.4	25.2	31.3	22.8	3
4	12.20	12.40	15.6	20.7	80.4	230	138	88.1	51.6	26.0	40.9	22.2	4
5	12.30	11.90	16.2	21.0	80.3	210	138	86.1	51.4	25.6	30.8	21.7	5
6	12.90	11.20	16.2	21.2	80.0	200	108	83.0	67.1	24.2	36.2	20.8	6
7	12.40	12.20	16.2	22.6	73.0	213	184	81.3	51.6	23.5	37.2	20.6	7
8	13.10	12.4	16.4	23.7	76.7	222	148	79.5	65.2	22.9	36.3	20.3	8
9	12.90	12.2	16.3	23.3	75.2	226	142	77.0	43.9	22.4	35.5	20.2	9
10	13.00	12.3	22.1	23.3	73.4	223	131	76.2	62.1	21.9	34.7	20.4	10
11	13.10	12.3	26.1	22.7	72.0	207	138	80.9	62.6	21.2	34.4	20.0	11
12	13.00	12.9	24.0	22.1	73.2	187	253	80.9	62.9	20.7	38.6	18.8	12
13	13.70	12.7	23.1	21.8	74.9	173	288	76.8	61.2	20.2	30.1	19.6	13
14	13.80	12.9	23.1	21.7	74.5	187	258	73.0	62.0	19.8	33.0	19.3	14
15	13.90	13.5	22.0	22.1	78.4	176	238	60.7	60.1	19.4	33.3	19.0	15
16	13.10	13.8	22.1	23.8	83.0	182	208	86.9	58.3	18.0	33.9	16.7	16
17	13.40	13.8	21.6	24.1	80.5	162	188	83.1	50.2	18.7	34.2	17.6	17
18	13.90	14.1	21.4	26.7	83.0	188	171	80.6	38.5	18.7	33.6	16.7	18
19	13.60	15.1	20.0	28.1	86.8	172	188	87.3	38.8	18.5	33.0	16.3	19
20	13.8	14.8	20.1	23.1	80.5	181	151	88.1	38.4	18.8	33.1	15.50	20
21	13.4	14.9	19.7	27.4	103	147	145	83.1	30.9	18.6	31.2	14.80	21
22	13.3	14.7	19.6	61.6	109	138	136	81.2	33.8	22.3	30.6	15.10	22
23	13.9	15.4	18.9	46.8	131	138	138	88.8	28.3	22.4	20.7	13.40	23
24	13.5	16.3	18.6	56.9	135	142	122	46.6	31.7	20.5	26.9	13.80	24
25	13.4	14.9	19.1	70.9	164	134	130	81.7	31.8	20.8	38.8	14.00	25
26	13.3	16.3	19.0	67.2	171	138	127	48.8	30.6	21.0	27.7	14.50	26
27	13.6	16.7	19.0	83.1	183	138	113	47.9	30.8	21.1	27.1	14.40	27
28	13.8	16.1	19.2	80.7	200	138	108	63.3	28.0	20.9	26.1	14.30	28
29	13.4		19.1	60.2	238	136	102	48.9	28.1	20.7	24.8	14.20	29
30	13.2		19.7	80.3	258	108	87.6	48.6	27.2	20.8	23.8	14.40	30
31	13.0		20.0		260		86.1	47.7		27.4		14.80	31
TOTAL	408.2	377.9	603.3	1 020.0	3 412.3	5 400	4 800.7	2 112.7	1 100.8	674.7	970.1	552.1	TOTAL
MEAN	13.2	13.5	19.5	34.2	110	180	153	68.2	38.9	21.8	32.3	17.8	MEAN
MAX	13.8	16.3	26.1	70.9	260	258	288	100	65.5	27.4	40.9	22.8	MAX
MIN	12.2	11.2	15.2	20.2	61.2	136	86.1	47.7	27.2	18.5	23.8	13.4	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 59.9
MAXIMUM DAILY, 260 ON MAY 31
MINIMUM DAILY, 11.20 ON FEB 6
MAXIMUM INSTANTANEOUS, 291 AT 19:00 PST ON JUL 13

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 19 47 N
LONG 116 56 02 W
DRAINAGE AREA, 1 020 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	35 300	JUL	405 000
FEB	33 000	AUG	183 000
MAR	52 100	SEP	103 000
APR	88 000	OCT	58 300
MAY	295 000	NOV	83 800
JUN	475 000	DEC	47 700

TOTAL DISCHARGE, 1 880 000 dam³

LAVENTIE CREEK NEAR THE MOUTH - STATION NO. 08JA015

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.8000	0.3500	0.2100	0.1080	8.50	40.2	8.80	8.12	3.00	2.32E	2.82 E	0.9400	1
2	0.8400	0.3300	0.2000	0.1060	8.05	35.2	8.20	8.07	4.90	2.33E	2.74 E	0.9200	2
3	0.8400	0.3200	0.2000	0.1080	6.60	17.3	6.80	5.80	5.20	2.42E	2.90 E	0.9000	3
4	0.8400	0.3600	0.2000	0.1080	6.11	12.5	5.81	4.73	4.20	2.94E	2.60 E	0.8800	4
5	0.8400	0.2570	0.2040	0.1080	5.01	10.3	7.01	4.07	3.35	3.18E	2.59 E	0.8000	5
6	0.6300	0.3700	0.2020	0.1020	5.50	12.9	8.50	6.60	4.35	1.93E	2.47 E	0.8300	6
7	0.6300	0.2500	0.2010	0.2100	5.60	11.5	5.60	6.51	4.72	1.83E	2.36 E	0.8100	7
8	0.6300	0.2610	0.2000	0.2250	5.09	13.0	5.76	6.42	3.40	1.08E	2.26 E	0.7900	8
9	0.6300	0.2500	0.1980	0.2000	4.65	14.4	6.10	7.15	3.15	1.87E	2.21 E	0.7700	9
10	0.6300	0.2400	0.1980	0.2100	4.80	12.6	6.72	7.04	3.40	1.83E	2.10 B	0.7500	10
11	0.6300	0.2400	0.1980	0.3000	5.37	11.2	8.04	7.24	3.00	1.93E	2.03 B	0.7300	11
12	0.6300	0.2610	0.2000	0.4200	3.90	11.2	6.90	5.61	3.60	1.96E	1.95 B	0.7100	12
13	0.6300	0.2600	0.2000	0.615	4.33	11.3	6.07	5.17	4.04	1.93E	1.86 B	0.6900	13
14	0.6300	0.2300	0.1980	0.657	5.16	11.5	5.56	4.68	5.03	1.78E	1.75 B	0.6700	14
15	0.6000	0.2230	0.1980	0.681	4.07	12.7	5.85	6.61	4.03	1.71E	1.72 B	0.6600	15
16	0.7850	0.2210	0.1980	0.720	8.60	11.7	6.63	6.38	4.01	1.72E	1.65 B	0.6400	16
17	0.7700	0.2200	0.1980	0.610	8.12	10.2	6.43	7.33	3.14	1.77E	1.56 B	0.6300	17
18	0.7600	0.2200	0.1980	0.898	8.56	10.4	10.3	5.16	3.83	1.93E	1.52 B	0.6300	18
19	0.7400	0.2270	0.1970	1.14	10.4	8.27	10.1	8.40	3.00	2.44E	1.47 B	0.6100	19
20	0.7230	0.2230	0.1970	1.15	20.9	9.01	9.00	6.61	3.63	2.47E	1.43 B	0.6000	20
21	0.7100	0.2210	0.1980	1.15	15.7	10.7	6.40	6.04	2.56	4.74E	1.37 B	0.5900	21
22	0.6700	0.2180	0.1940	1.34	14.4	13.5	5.87	6.00	2.10	4.17E	1.32 B	0.6600	22
23	0.6600	0.2170	0.1930	1.61	15.1	17.5	5.26	6.22	3.00	2.81E	1.27 B	0.5700	23
24	0.6030	0.2160	0.1910	2.36	16.1	21.0	5.07	4.76	2.53	2.99E	1.22 B	0.5600	24
25	0.5800	0.2140	0.1910	3.70	18.4	16.0	5.70	4.73	6.04	4.77E	1.18 B	0.5500	25
26	0.5200	0.2120	0.1910	4.53	10.8	12.3	5.84	5.05	10.0	4.08E	1.14 B	0.5400	26
27	0.5000	0.2110	0.1900	5.05	10.8	11.0	5.34	5.61	3.060	3.10E	1.10 B	0.5420	27
28	0.4800	0.2100	0.1900	4.99	17.1	10.6	5.71	5.00	2.850	2.88E	1.06 B	0.5370	28
29	0.4400		0.1910	8.11	22.4	10.5	5.30	5.36	2.430	3.04E	1.02 B	0.5310	29
30	0.4130		0.1910	6.75	54.1	10.1	5.67	4.88	2.350	4.00E	0.9700	0.5250	30
31	0.3700		0.1910		45.8		7.28	4.37		3.04E		0.5200	31
TOTAL	22.250	6.880	6.131	48.842	398.51	420.46	200.80	175.27	120.87	81.53	54.010	21.085	TOTAL
MEAN	0.718	0.243	0.198	1.63	12.9	14.2	7.76	5.88	4.28	2.63	1.80	0.680	MEAN
MAX	0.860	0.350	0.210	6.75	54.1	40.2	10.3	7.50	10.0	4.80	2.88	0.940	MAX
MIN	0.370	0.210	0.190	0.102	4.00	8.87	5.24	4.33	2.35	1.71	0.970	0.520	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.41
MAXIMUM DAILY, 54.1 ON MAY 30
MINIMUM DAILY, 0.1060 ON APR 2
MAXIMUM INSTANTANEOUS, 70.4 AT 17:53 PST ON MAY 30

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 35 00 N
LONG 127 33 13 W
DRAINAGE AREA, 50.5 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 920	JUL	20 000
FEB	592	AUG	15 300
MAR	530	SEP	11 300
APR	3 950	OCT	7 050
MAY	34 000	NOV	4 670
JUN	36 300	DEC	1 820

TOTAL DISCHARGE, 130 000 dam³

LEE CREEK ABOVE DIVERSIONS - STATION NO. 08MB023

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.006	0.011	0.066E	0.021	0.017	0.010	0.008	---	---	1
2	---	---	---	0.007	0.012	0.066E	0.022	0.016	0.010	0.008	---	---	2
3	---	---	---	0.007	0.013	0.061E	0.022	0.016	0.010	0.008	---	---	3
4	---	---	---	0.007	0.013	0.057	0.024	0.015	0.010	0.008A	---	---	4
5	---	---	---	0.007	0.014	0.055	0.029	0.015	0.009	---	---	---	5
6	---	---	---	0.007	0.015	0.051	0.030	0.016	0.008	---	---	---	6
7	---	---	---	0.006	0.016	0.049	0.029	0.014	0.009	---	---	---	7
8	---	---	---	0.008	0.017	0.047	0.026	0.014	0.010	---	---	---	8
9	---	---	---	0.008	0.018	0.043	0.027	0.013	0.010	---	---	---	9
10	---	---	---	0.007	0.018	0.040	0.026	0.014	0.010	---	---	---	10
11	---	---	---	0.007	0.019	0.038	0.026	0.014	0.010	---	---	---	11
12	---	---	---	0.007	0.019	0.037	0.025	0.013	0.010	---	---	---	12
13	---	---	---	0.007	0.018	0.034	0.025	0.013	0.010	---	---	---	13
14	---	---	---	0.006	0.019	0.032	0.024	0.013	0.009	---	---	---	14
15	---	---	---	0.006	0.019	0.030	0.024	0.013	0.009	---	---	---	15
16	---	---	---	0.006	0.018	0.028	0.024	0.012	0.010	---	---	---	16
17	---	---	---	0.006	0.018	0.026	0.023	0.012	0.010	---	---	---	17
18	---	---	---	0.007	0.021A	0.025	0.023	0.012	0.010	---	---	---	18
19	---	---	---	0.007	0.022	0.024	0.023	0.012	0.010	---	---	---	19
20	---	---	---	0.006	0.024	0.024	0.022	0.011	0.010	---	---	---	20
21	---	---	---	0.007	0.026	0.023	0.021	0.011	0.010	---	---	---	21
22	---	---	---	0.007	0.030	0.023	0.021	0.011	0.009	---	---	---	22
23	---	---	0.007A	0.007	0.035	0.023	0.021	0.010	0.009	---	---	---	23
24	---	---	0.008	0.008	0.047	0.023	0.021	0.010	0.009	---	---	---	24
25	---	---	0.008	0.010	0.056	0.023	0.020	0.010	0.008	---	---	---	25
26	---	---	0.008	0.010	0.065E	0.022	0.019	0.010	0.009	---	---	---	26
27	---	---	0.007	0.010	0.066E	0.022	0.018	0.010	0.009	---	---	---	27
28	---	---	0.007	0.010	0.066E	0.022	0.018	0.010	0.008	---	---	---	28
29	---		0.007	0.010	0.069E	0.022	0.018	0.009	0.008	---	---	---	29
30	---		0.007	0.011	0.070E	0.021	0.018	0.009	0.008	---	---	---	30
31	---		0.008		0.070E		0.017	0.009		---		---	31
TOTAL	---	---	---	0.227	0.955	1.060	0.711	0.383	0.284	---	---	---	TOTAL
MEAN	---	---	---	0.008	0.031	0.035	0.023	0.012	0.009	---	---	---	MEAN
MAX	---	---	---	0.011	0.070	0.066	0.030	0.017	0.010	---	---	---	MAX
MIN	---	---	---	0.006	0.011	0.021	0.017	0.008	0.008	---	---	---	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 0.070E ON MAY 30

MAXIMUM INSTANTANEOUS,
0.072E AT 04:20 PST ON MAY 31

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 50 07 N
LONG 121 54 06 W
DRAINAGE AREA, 30.3 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	61.4
FEB	---	AUG	33.1
MAR	---	SEP	24.6
APR	19.6	OCT	---
MAY	82.5	NOV	---
JUN	91.5	DEC	---

LEMIEUX CREEK NEAR MOUNT OLIE - STATION NO. 08LB042

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.565	0.465	0.673	1.50	7.80	2.08	2.08	1.55	0.671	0.338	0.330	0.765E	1
2	0.557	0.460	0.680	1.54	8.06	1.76	2.18	1.46	0.663	0.344	0.356	0.735E	2
3	0.541	0.462	0.656	1.53	8.37	1.66	2.35	1.35	0.673	0.336	0.380	0.740E	3
4	0.540	0.452	0.656	1.51	8.58	1.69	2.33	1.32	0.650	0.317	0.424	0.765E	4
5	0.566	0.463	0.660	1.53	8.82	1.67	2.27	1.16	0.610	0.317	0.438	0.760E	5
6	0.583	0.463	0.673	1.53	8.85	1.63	2.11	1.08	0.576	0.310A	0.431	0.725E	6
7	0.544	0.476	0.698	1.54	8.87	1.79	1.86	1.03	0.573	0.285A	0.425	0.710E	7
8	0.546	0.468	0.770	1.53	8.76	1.66	1.67	0.986	0.578	0.272	0.453	0.685E	8
9	0.546	0.463	0.876	1.52	8.28	1.58	1.79	0.953	0.568	0.276	0.477	0.650E	9
10	0.582	0.436	1.04	1.55	7.62	1.51	1.66	1.00	0.581	0.273	0.476	0.625E	10
11	0.601	0.453	1.14	1.54	6.92	1.48	1.78	0.983	0.566	0.276	0.485	0.620E	11
12	0.597	0.506	1.22	1.47	6.28	1.41	2.23	0.936	0.562	0.276	0.481	0.610E	12
13	0.596	0.496	1.31	1.40	5.83	1.28	2.50	0.870	0.562	0.272	0.466	0.605E	13
14	0.592	0.486	1.37	1.40	5.52	1.24	2.63	0.812	0.558	0.268	0.489	0.590E	14
15	0.581	0.483	1.43	1.41	5.32	1.28	2.86	0.760	0.527	0.271	0.636	0.580E	15
16	0.583	0.484	1.49	1.42	5.12	1.25	2.76	0.715	0.531	0.276	0.730	0.584A	16
17	0.585	0.512	1.49	1.48	5.22	1.37	2.61	0.683	0.531	0.273	0.865	0.575B	17
18	0.534	0.523	1.47	1.86	5.88	1.64	2.42	0.649	0.521	0.276	0.980	0.560B	18
19	0.561	0.523	1.44	1.89	5.83	1.63	2.21	0.611	0.488	0.276	0.976	0.580B	19
20	0.582	0.523	1.42	2.26	5.72	1.73	2.02	0.576	0.479	0.276	0.971	0.540B	20
21	0.546	0.520	1.41	3.01	5.51	1.82	1.94	0.561	0.464	0.274	0.945	0.525B	21
22	0.542	0.531	1.37	3.76	5.38	1.82	1.82	0.525	0.461	0.276	0.906	0.530B	22
23	0.535	0.533	1.33	3.90	5.12	1.90	1.73	0.500	0.462	0.276	0.872	0.510B	23
24	0.540	0.547	1.36	4.56	4.85	2.08	1.70	0.500	0.439	0.276	0.860A	0.502B	24
25	0.518	0.583	1.37	5.74	4.69	2.09	1.66	0.490	0.424	0.304	0.820E	0.488B	25
26	0.500	0.614	1.38	6.46	4.48	1.88	2.16	0.482	0.408	0.304	0.845E	0.476B	26
27	0.510	0.644	1.44	6.79	4.17	1.90	2.13	0.488	0.394	0.310	0.880E	0.470B	27
28	0.500	0.646	1.45	7.01	3.88	1.76	2.02	0.453	0.376	0.316	0.860E	0.460B	28
29	0.501		1.48	7.19	3.64	1.72	1.90	0.445	0.381	0.319	0.820E	0.462B	29
30	0.484		1.51	7.62	3.41	1.90	1.78	0.452	0.365	0.308	0.790E	0.470B	30
31	0.490		1.53		3.16		1.68	0.451		0.316		0.460B	31
TOTAL	17.020	14.275	36.757	87.08	189.87	51.68	65.51	24.713	15.480	9.060	19.915	18.357	TOTAL
MEAN	0.550	0.510	1.19	2.90	6.12	1.72	2.11	0.797	0.516	0.292	0.664	0.592	MEAN
MAX	0.601	0.646	1.53	7.62	8.87	2.09	2.86	1.55	0.682	0.344	0.976	0.765	MAX
MIN	0.484	0.436	0.656	1.40	3.16	1.24	1.66	0.445	0.365	0.268	0.330	0.460	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.51
MAXIMUM DAILY, 8.87 ON MAY 7
MINIMUM DAILY, 0.268 ON OCT 14
MAXIMUM INSTANTANEOUS,
8.92 AT 0?:37 PST ON MAY 6

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 20 00 N
LONG 120 12 50 W
DRAINAGE AREA, 155 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 470	JUL	5 660
FEB	1 230	AUG	2 140
MAR	3 180	SEP	1 340
APR	7 520	OCT	783
MAY	16 400	NOV	1 720
JUN	4 470	DEC	1 590

TOTAL DISCHARGE, 47 500 dam³

LEMIEUX CREEK NEAR THE MOUTH - STATION NO. 08LB078

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.12 B	1.12	1.32	2.37	14.8 E	5.30E	4.39	3.09	1.26	0.710E	0.665	1.42	1
2	1.05 B	0.930	1.36	2.40	14.8	4.40	4.33	3.73	1.26	0.720E	0.665	1.42	2
3	1.00 B	0.850	1.30	2.40	15.0	4.00	4.03	3.67	1.26	0.680E	0.665	1.42	3
4	0.970B	0.950E	1.26	2.63	15.2	4.05	4.03	3.31	1.26	0.655E	0.665	1.44 E	4
5	0.9900	0.945B	1.21	2.85	15.5	4.00E	4.33	2.24	1.26	0.630E	0.666	1.41 E	5
6	1.02 B	0.910B	1.25	2.76	15.4	4.35	3.99	2.16	1.26	0.618	0.642	1.39 E	6
7	1.07 B	0.900E	1.34E	2.85	15.8	4.15	4.05	1.89	1.26	0.570	0.618	1.36 E	7
8	1.12 B	0.950E	1.44	2.76	15.8	3.89	3.95	1.98	1.26	0.594	0.715E	1.37 E	8
9	1.23 B	0.920E	1.66	2.85	15.4	3.84	3.81	1.89	1.26	0.594	0.745E	1.35 E	9
10	1.34 B	0.900B	1.89	2.85	15.5 E	4.05	3.10	1.98	1.26	0.594	0.762E	1.34 E	10
11	1.35 B	0.940B	1.92	2.71	13.8	3.63E	2.48	2.07	1.26	0.570	0.762E	1.33 E	11
12	1.33 B	0.995B	1.87	2.85	12.9	3.49	4.35	1.89	1.26	0.570	0.762E	1.33	12
13	1.31 B	1.01	2.00E	2.76	13.4	3.31	4.50	1.84	1.26	0.570	0.784E	1.33	13
14	1.27 B	1.15	2.12	2.59	11.4	3.03	4.45	1.61E	1.32	0.570	0.784E	1.33	14
15	1.30 B	1.15	1.98	2.85	11.3	2.76	5.00	1.78E	1.26	0.570	0.802E	1.33	15
16	1.32 B	1.18	2.38	2.98	10.5 E	3.90E	4.26	1.73E	1.26	0.948	0.810E	1.35	16
17	1.33 B	1.12	2.17	2.76	11.2 E	3.16	4.63	1.65E	1.23	0.526	1.01 E	1.33 B	17
18	1.33 B	1.12	2.20	3.26	11.7	3.43	4.68	1.52E	1.23	0.504	1.15 E	1.26 B	18
19	1.32 B	1.08	2.05	3.03	11.5	3.89	4.85	1.80E	1.22	0.504	1.26 E	1.22 B	19
20	1.16	1.15	2.23	3.76	11.2	3.68	3.63	1.68E	1.15 E	0.462	1.44	1.17 B	20
21	1.17	1.12	2.12	4.03	11.3	3.85	3.47	1.93E	1.09 E	0.480	1.44	1.15 B	21
22	1.15	1.21	2.05	7.08E	10.4 E	4.03	3.38	1.61E	1.08 E	0.440	1.44	1.12 B	22
23	1.16	1.06	2.12	7.84	9.65E	3.89	3.10	1.90	1.01 E	0.462	1.44	1.08 B	23
24	1.16	1.17	2.09	8.39	8.80	4.08E	3.07	1.44E	0.970E	0.504	1.44	1.04 B	24
25	1.12	1.12	1.98	12.1	8.80	4.29E	3.41	1.34E	0.940E	0.518	1.44	1.01 B	25
26	1.16 E	1.20	2.20	13.7	7.72	3.99	4.59	1.28E	0.880E	0.686	1.44	0.9806	26
27	1.17 E	1.24	2.17	13.5	7.30E	3.32	4.22E	1.19E	0.845E	0.686	1.47	0.9458	27
28	1.18 E	1.22	2.17	14.1	6.87	3.70	4.08E	1.10E	0.810E	0.642	1.47	0.9388	28
29	1.18		2.12	13.8	6.64	3.86	3.74	1.15E	0.770E	0.642	1.44	0.9408	29
30	1.17		2.26	14.6	6.84	4.30	3.59	1.25	0.740E	0.642	1.44	0.9458	30
31	1.16		2.26		6.93		3.31	1.35		0.686		0.9508	31
TOTAL	35.980	30.190	58.36	167.49	367.94	117.79	122.15	55.05	34.188	18.297	30.884	38.035	TOTAL
MEAN	1.16	1.08	1.88	5.58	11.9	3.93	3.94	1.78	1.14	0.590	1.03	1.23	MEAN
MAX	1.35	1.34	2.26	14.6	15.8	5.30	5.00	3.09	1.26	0.720	1.47	1.44	MAX
MIN	0.970	0.900	1.21	2.37	6.93	2.76	3.07	1.10	0.740	0.440	0.618	0.938	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.95
MAXIMUM DAILY, 15.8 ON MAY 7
MINIMUM DAILY, 0.440 ON OCT 22

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 25 21 N
LONG 120 12 01 W
DRAINAGE AREA, 443 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 180	JUL	10 900
FEB	2 800	AUG	4 780
MAR	5 040	SEP	3 950
APR	14 500	OCT	1 580
MAY	31 800	NOV	3 670
JUN	10 200	DEC	3 290

TOTAL DISCHARGE, 93 200 dam³

LEMON CREEK ABOVE SOUTH LEMON CREEK - STATION NO. 08NJ100

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.07 B	0.931	1.38	1.81	5.93	30.7	11.6	5.47	2.93	1.80	3.12	1.85	1
2	1.06 B	0.912	1.34	1.75	5.93	30.9	13.5	5.93	4.64	1.76	3.19	1.810	2
3	1.07 B	0.883	1.31	1.75	6.11	28.3	12.0	5.14	3.38	1.77	5.68	2.040	3
4	1.06	0.877	1.29	1.62	5.97	24.5	10.6	4.74	3.06	1.73	7.70	1.945	4
5	1.07	0.8808	1.31	1.81	6.18	23.3	11.0	4.48	3.23	1.68	5.89	1.869	5
6	1.05	0.8808	1.32	1.88	6.86	21.7	13.6	4.38	3.93	1.66	5.27	1.888	6
7	1.06	0.8488	1.33	2.00	7.09	22.5	13.8	4.23	2.81	1.80	4.65	1.838	7
8	1.15	0.8488	1.37	2.05	7.01	24.0	13.1	4.18	2.72	1.80	4.32	1.828	8
9	1.11	0.8388	1.95	1.99	6.58	23.9	10.5	4.13	2.86	1.58	3.98	1.838	9
10	1.03	0.8358	3.03	1.85	6.43	24.7	8.88	4.23	2.96	1.86	3.78	1.869	10
11	1.09	0.871	2.68	1.85	6.26	21.8	8.43	5.07	3.23	1.81	3.82	1.87	11
12	1.01	1.06	2.07	1.88	6.19	17.3	15.0	4.78	3.11	1.81	3.81	1.86	12
13	0.963	1.06	2.03	1.78	6.46A	15.8	19.6	3.86	3.02	1.68	3.43	1.83	13
14	0.957	1.02	2.78	1.84	6.73	15.9	20.5	3.86	3.33	1.48	3.28	1.82	14
15	0.939	1.12	2.83	1.84	7.32	21.9	14.7	3.46	3.12	1.46	3.21	1.78	15
16	0.910	1.16	2.48	1.87	7.81	18.8	12.1	3.26	3.03	1.41	3.29	1.73	16
17	0.911	1.05	2.26	1.84	8.21	16.7	11.0	3.13	2.86	1.48	3.31	1.688	17
18	0.938	1.07	2.26	2.23	8.78	15.8	10.3	3.01	3.65	1.80	3.15	1.678	18
19	0.886	1.07	2.17	2.65	8.67	15.0	9.73	2.86	2.75	1.65	3.02	1.688	19
20	0.886	1.06	2.07	2.76	8.63	13.8	10.1	2.77	2.82	1.48	2.80	1.648	20
21	0.911	1.10	2.02	3.10	11.8	11.8	9.46	2.86	2.67	1.46	2.84	1.618	21
22	0.921	1.12	1.88	3.00	13.8	11.0	8.26	2.83	2.60	2.87	2.78	1.588	22
23	0.878	1.14	2.03	4.72	17.0	12.2	7.77	2.83	2.60	2.02	2.66	1.568	23
24	0.885	1.15	1.98	7.53	20.6	14.1	7.61	2.80	2.38	1.71	3.888	1.438	24
25	0.891	1.21	1.87	8.38	22.6	13.2	7.61	2.86	2.38	1.86	2.388	1.488	25
26	0.860	1.26	1.76	7.34	20.1	11.2	7.73	2.81	2.38	1.83	2.328	1.428	26
27	0.875	1.28	1.78	6.95	16.6 A	11.6	8.68	2.84	2.13	1.81	2.288	1.448	27
28	0.904	1.27	1.86	6.16	22.0 E	12.3	8.13	3.88	2.18	1.84	2.228	1.438	28
29	0.838		1.86	5.76	40.0 E	12.3	8.81	3.83	1.95	1.98	2.17	1.418	29
30	0.837		1.82	5.78	42.2 A	13.2	8.71	3.62	1.83	1.71	2.17	1.428	30
31	0.818		1.78		38.0		8.81	3.33		3.22		1.468	31
TOTAL	30.211	28.816	62.32	96.14	428.38	551.6	327.08	111.96	83.43	52.24	106.26	52.49	TOTAL
MEAN	0.975	1.03	2.01	3.27	13.8	18.4	10.6	3.61	2.78	1.68	3.61	1.69	MEAN
MAX	1.15	1.27	3.46	8.38	42.2	30.9	20.5	5.93	4.64	3.22	7.70	2.04	MAX
MIN	0.838	0.828	1.21	1.75	5.93	11.0	5.81	2.33	1.83	1.41	2.17	1.40	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.39
MAXIMUM DAILY, 42.2A ON MAY 20
MINIMUM DAILY, 0.8388 ON FEB 10

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 41 51 N
LONG 117 27 00 W
DRAINAGE AREA, 178 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 610	JUL	10 300
FEB	3 480	AUG	6 670
MAR	6 390	SEP	7 210
APR	8 480	OCT	4 510
MAY	37 000	NOV	5 100
JUN	47 700	DEC	4 940

TOTAL DISCHARGE, 187 000 dam³

LIARD RIVER ABOVE BEAVER RIVER - STATION NO. 10BE005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3470	2370	2360	2320	860E	4 100	2 840E	1 800	1 460	1 100	7100	3860	1
2	3460	2330	2400	2340	740E	5 630	2 850E	1 730	1 430	1 120	7000	3860	2
3	3410	2310	2410	2350	910E	6 370	2 810E	1 700	1 400	1 130	6600	3750	3
4	3380	2290	2420	2350	1 180E	6 240	2 610E	1 710	1 380	1 160	5700	3700	4
5	3360	2280	2400	2370	1 100E	5 800	2 800E	1 680	1 400	1 160	5620	3650	5
6	3350	2280	2410	2360	1 030E	4 910	2 970E	1 650	1 520	1 160	6500	3600	6
7	3310	2290	2430	2350	1 030E	4 520	3 100E	1 580	1 590	1 170	6300	3520	7
8	3250	2280	2470	2330	1 020E	4 240A	3 070E	1 516	1 610	1 150	6200	3460	8
9	3200	2270	2490	2300	980E	4 590E	2 850E	1 450	1 590	1 120	6140	3310	9
10	3160	2250	2500	2250	981A	4 350E	2 880E	1 490	1 570	1 060	6000	3270	10
11	3130	2240	2490	2290	1 010E	4 270E	2 500E	1 280	1 520	1 040	5620	3210	11
12	3110	2260	2470	2300	1 060E	4 300E	2 370E	1 330	1 460	984	5700	3160	12
13	3100	2270	2450	2325	1 130E	4 470E	2 250E	1 300	1 410	957	5560	3130	13
14	3100	2280	2440	2350	1 210E	4 350E	2 150E	1 270	1 370	968	5460	3110	14
15	3080	2270	2450	2360	1 340E	4 150E	2 020E	1 250	1 280	984	5380	3090	15
16	3080	2280	2460	2410	1 360E	4 000E	1 880E	1 220	1 230	971	5340	3020	16
17	3030	2270	2470	2420	1 350E	4 100E	1 870E	1 230	1 330	927	5290	2980	17
18	3070	2290	2460	2410	1 470E	4 150E	1 840E	1 300	1 310	865	5200	2980	18
19	3040	2310	2440	2380	1 570E	3 950E	1 780E	1 380	1 290	856	5100	2980	19
20	3000	2350	2420	2360	1 660E	3 940E	1 760E	1 480	1 280	849	5000	2900	20
21	2980	2350	2410	2370	1 640E	4 060E	1 760E	1 620	1 240	840	4850	2770	21
22	2960	2340	2400	2360	1 830E	3 960E	1 680E	1 580	1 220	821	4700	2720	22
23	2830	2300	2400	2360	1 730E	3 840E	1 620E	1 620	1 220	820E	4600	2730	23
24	2760	2370	2410	2440	1 740E	3 860E	1 640E	1 650	1 270	810E	4570	2730	24
25	2670	2360	2410	2800	1 730E	3 750E	1 610E	1 690	1 290	800E	4800	2700	25
26	2630	2370	2380	2950	1 720E	3 810E	1 650E	1 640	1 300	763E	4430	2670	26
27	2560	2350	2360	3400	1 680E	3 600E	1 630E	1 640	1 300	770E	4360	2660	27
28	2550	2330	2340	3600	1 870E	3 400E	1 610A	1 620	1 290	760E	4290	2640	28
29	2530		2320	4350	1 880E	3 220E	1 610	1 590	1 250	743E	4100	2600	29
30	2500		2310	5050	2 480E	3 080E	1 640	1 570	1 150	724E	3950	2590	30
31	2430		2300		3 030A		1 610	1 540		733E		2570	31
TOTAL	8 340	6 480	7 400	7 871	43 010	126 500	69 620	46 900	41 180	29 470	16 387	9 580	TOTAL
MEAN	242	231	242	262	1 390	4 220	2 250	1 510	1 370	951	546	300	MEAN
MAX	347	236	250	505	3 030	6 370	3 100	1 800	1 610	1 180	710	386	MAX
MIN	243	224	230	229	860	3 080	1 750	1 220	1 150	722	395	257	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1 140
MAXIMUM DAILY, 6 370 ON JUN 3
MINIMUM DAILY, 224 ON FEB 11
MAXIMUM INSTANTANEOUS,
6 520 AT 23:45 PST ON JUN 3

TYPE OF GAUGE - RECORDING
LOCATION - LAT 59 44 33 N
LONG 124 28 35 W
DRAINAGE AREA, 119 000 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	668 000	JUL	6 020 000
FEB	556 000	AUG	4 000 000
MAR	647 000	SEP	3 560 000
APR	680 000	OCT	2 550 000
MAY	3 720 000	NOV	1 410 000
JUN	11 100 000	DEC	827 000

TOTAL DISCHARGE, 35 900 000 dam³

LIARD RIVER ABOVE KECHIKA RIVER - STATION NO. 10BE006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1800	1360	1240	1000	3800	2 520	1 610	856	808	689	3800	1880	1
2	1880	1340	1280	1100	4400	3 270	1 370	846	786	657	3850	1830	2
3	1870	1300	1280	1100	6600	3 430	1 350	847	764	673	3800	1800	3
4	1850	1380	1270	1100	6550	3 220	1 340	846	773	668	3790	1750	4
5	1840	1280	1280	1100	6200	2 810	1 380	855	843	652	3700	1710	5
6	1830	1220	1280	1100	6400	2 530	1 270	881	882	656	3600	1700	6
7	1800	1210	1280	1100	6600	2 380	1 430	820E	911	685	3600	1700	7
8	1780	1200	1300	1100	5800	2 270	1 410	780E	824	663	3600	1680	8
9	1750	1300	1300	1050	6000	2 240	1 310	780E	815	662	3430	1670	9
10	1730	1300	1300	1050	6700	2 140	1 230	720E	807	631	3380	1650	10
11	1700	1300	1300	1050	6300	2 070	1 150	700E	872	661	3300	1600	11
12	1690	1300	1300	1050	6606	2 600	1 080	680E	848	653	3240	1580	12
13	1680	1300	1250	1100	6600	2 130	1 040	650E	821	603	3100	1560	13
14	1670	1300	1250	1100	874A	2 060	1 030	645E	803	566	3050	1560	14
15	1670	1300	1250	1120	705	1 850	1 050	640E	805	581	3020	1470	15
16	1670	1210	1250	1120	705	1 840	1 050	635E	805	557	3000	1450	16
17	1660	1220	1230	1120	760	1 870	999	660A	803	536	3000	1430	17
18	1660	1230	1220	1120	836	2 000	876	850	794	511	2850	1350	18
19	1650	1240	1210	1110	923	1 900	836	729	777	500	2850	1350	19
20	1650	1240	1210	1100	1 020	1 820	817	761	787	487	2700	1340	20
21	1680	1380	1210	1100	1 020	1 770	816	860	736	485	2600	1330	21
22	1670	1260	1200	1110	1 060	1 600	836	833	731	483	2480	1320	22
23	1630	1270	1180	1120	1 220	1 760	846	839	766	466	2400	1320	23
24	1600	1280	1170	1130	1 240	1 770	876	834	772	489	2400	1320	24
25	1580	1260	1140	1160	1 220	1 730	871	831	777	463	2370	1300	25
26	1600	1270	1120	1220	1 180	1 690	863	864	776	436	2300	1260	26
27	1610	1260	1120	1330	1 180	1 670	819	888	766	432	2200	1250	27
28	1600	1230	1110	1560	1 120	1 610	816	853	757	420	2050	1210	28
29	1480		1080	2000	1 070	1 550	817	885	712	404	1860	1200	29
30	1430		1060	2000	1 150	1 400	860	867	678	401B	1620	1200	30
31	1400		1060		1 020		881	836		3900		1200	31
TOTAL	5 203	3 480	3 780	3 872	26 473	63 600	33 866	24 283	24 064	17 028	8 040	4 880	TOTAL
MEAN	168	124	122	132	854	2 130	1 100	781	802	540	283	160	MEAN
MAX	168	136	130	200	1 620	3 430	1 620	887	836	686	290	190	MAX
MIN	160	120	103	100	380	1 400	881	836	678	384	182	130	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 800
MAXIMUM DAILY, 3 430 ON JUN 3
MINIMUM DAILY, 1000 ON MAR 30
MAXIMUM INSTANTANEOUS,
3 510 AT 22:30 PST ON JUN 3

TYPE OF GAUGE - RECORDING
LOCATION - LAT 59 42 06 N
LONG 127 13 30 W
DRAINAGE AREA, 61 800 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	450 000	JUL	2 930 000
FEB	301 000	AUG	2 080 000
MAR	327 000	SEP	2 080 000
APR	317 000	OCT	1 470 000
MAY	2 290 000	NOV	772 000
JUN	5 500 000	DEC	387 000

TOTAL DISCHARGE, 16 800 000 dam³

LIARD RIVER AT LOWER CROSSING - STATION NO. 10BE001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3100	2140	2060	1630	4460	3 980	2 120	1 320	1 220	970	5740	2820	1
2	3060	2100	2050	1650	5400	5 110	2 070	1 280	1 180	967	5660	2900	2
3	3060	2070	2060	1670	6600	5 400	2 030	1 310	1 180	987	5420	2870	3
4	3060	2050	2060	1660	3700	4 980	2 030	1 310	1 150	1 010	5280	2840	4
5	3050	2050	2040	1690	890	4 350	2 030	1 300	1 240	1 020	5210	2730	5
6	3020	2040	2020	1670	839	3 610	2 110	1 280	1 320	1 020	5160	2610	6
7	3000	2050	2030	1660	848	3 480	2 230	1 230	1 350	1 010	4980	2510	7
8	2960	2040	2060	1650	809	3 320	2 220	1 190	1 350	979	4860	2460	8
9	2910	2020	2080	1640	776	3 270	2 070	1 140	1 340	945	4810	2410	9
10	2870	2010	2100	1630	801	3 160	1 910	1 100	1 310	920	4670	2380	10
11	2840	2020	2110	1620	844	3 080	1 800	1 070	1 270	872	4550	2350	11
12	2810	2030	2100	1610	937	3 120	1 700	1 050	1 220	829	4530	2330	12
13	2790	2040	2080	1640	1 020	3 210	1 610	1 030	1 190	829	4400	2310	13
14	2780	2020	2080	1650	1 040	3 160	1 530	1 030	1 160	847	4270	2300	14
15	2770	2000	2050	1670	1 060	2 990	1 450	1 010	1 150	852	4160	2250	15
16	2760	2000	2060	1680	1 070	2 880	1 390	1 000	1 150	822	4120	2220	16
17	2760	2020	2060	1680	1 170	2 870	1 350	1 030	1 140	784	4110	2180	17
18	2790	2040	2060	1660	1 310	2 890	1 320	1 110	1 130	753	4060	2110	18
19	2760	2060	2045	1670	1 390	2 820	1 290	1 170	1 106	743	3900	2060	19
20	2740	2090	2010	1660	1 380	2 840	1 280	1 220	1 080	741	3750	2060	20
21	2720	2090	1980	1640	1 370	2 920	1 280	1 280	1 050	726	3630	1990	21
22	2650	2070	1940	1650	1 450	2 830	1 290	1 310	1 040	733	3570	1970	22
23	2570	2080	1920	1670	1 550	2 780	1 350	1 310	1 070	727	3500	1960	23
24	2500	2100	1910	1920	1 590	2 780	1 400	1 320	1 100	706	3460	1960	24
25	2450	2120	1900	1970	1 520	2 690	1 380	1 320	1 110	684	3450	1950	25
26	2400	2110	1890	2070	1 510	2 620	1 330	1 320	1 110	665	3420	1900	26
27	2360	2090	1870	2290	1 510	2 550	1 310	1 330	1 110	6500	3330	1890	27
28	2310	2050	1850	2500	1 480	2 440	1 310	1 320	1 090	6350	3150	1870	28
29	2280		1840	3000	1 410	2 330	1 340	1 310	1 050	6050	3010	1860	29
30	2240		1830	3700	1 590	2 210	1 350	1 300	1 000	6020	2980	1880	30
31	2190		1630		2 480		1 350	1 280		5990		1870	31
TOTAL	8 461	5 760	6 196	8 906	36 199	97 910	50 200	37 550	34 940	25 245	12 715	6 980	TOTAL
MEAN	273	206	200	300	1 170	3 230	1 620	1 210	1 180	814	424	225	MEAN
MAX	310	214	211	370	2 480	5 400	2 230	1 330	1 350	1 020	574	292	MAX
MIN	218	200	183	161	445	2 210	1 280	1 000	1 000	599	298	186	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 897
MAXIMUM DAILY, 5 400 ON JUN 3
MINIMUM DAILY, 1610 ON APR 12
MAXIMUM INSTANTANEOUS,
5 480 AT 05:34 PST ON JUN 3

TYPE OF GAUGE - RECORDING
LOCATION - LAT 59 24 45 N
LONG 126 05 50 W
DRAINAGE AREA, 104 000 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	731 000	JUL	4 340 000
FEB	498 000	AUG	3 240 000
MAR	535 000	SEP	3 020 000
APR	510 000	OCT	2 180 000
MAY	3 130 000	NOV	1 100 000
JUN	8 360 000	DEC	604 000

TOTAL DISCHARGE, 28 300 000 dam³

LILLOOET LAKE NEAR PEMBERTON - STATION NO. 08MG020

DAILY WATER LEVEL IN METRES FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	24.955	25.044	25.454	25.226	26.001	28.806	27.117	27.165	26.586	25.277	26.445	25.216	1
2	24.965	25.023	25.403	25.239	26.146	28.781	27.110	27.234	26.706	25.324	26.294	25.181	2
3	24.971	25.000	25.355	25.242	26.153	28.492	27.220	27.250	26.699	25.278	26.229	25.166	3
4	24.977	24.977	25.306	25.233	26.150	28.123	27.146	27.146	26.648	25.259	26.205	25.136	4
5	24.980	24.956	25.267	25.220	26.132	27.756	27.060	26.987	26.566	25.248	26.136	25.120	5
6	24.971	24.945	25.233	25.216	26.126	27.481	27.028	26.859	26.455	25.222	26.023	25.107	6
7	24.988	24.940	25.206	25.222	26.151	27.376	26.987	26.765	26.362	25.192	25.905	25.081	7
8	25.015	24.939	25.183	25.236	26.166	27.482	26.860	26.704	26.209	25.155	25.800	25.066	8
9	25.050	24.936	25.335	25.246	26.102	27.690	26.736	26.973	26.051	25.129	25.705	25.070	9
10	25.004	24.930	25.410	25.230	26.012	27.926	26.655	27.124	25.925	25.005	25.624	25.068	10
11	25.074	24.983	25.522	25.225	25.946	27.940	26.753	27.241	25.871	25.068	25.612	25.083	11
12	25.182	25.156	25.556	25.207	25.917	27.612	27.622	27.306	25.833	25.056	25.676	25.087	12
13	25.300	25.325	25.549	25.187	25.940	27.320	26.520	27.230	25.782	25.046	25.698	25.055	13
14	25.351	25.422	25.513	25.172	26.026	27.151	26.711	27.170	25.756	25.042	25.677	25.051	14
15	25.327	25.484	25.482	25.162	26.095	27.131	26.332	27.136	25.742	25.036	25.726	25.032	15
16	25.267	25.456	25.449	25.165	26.113	27.282	27.649	27.003	25.722	25.020	25.974	25.006	16
17	25.267	25.444	25.410	25.188	26.153	27.385	27.563	26.887	25.746	25.007	26.118	24.970	17
18	25.213	25.463	25.372	25.233	26.195	27.411	27.440	26.793	25.687	24.997	26.082	24.945	18
19	25.183	25.467	25.341	25.266	26.244	27.250	27.413	26.807	25.589	24.985	26.004	24.923	19
20	25.165	25.470	25.314	25.386	26.277	27.061	27.468	26.607	25.511	24.982	25.890	24.860	20
21	25.144	25.470	25.294	25.476	26.600	26.889	27.582	26.513	25.486	24.987	25.776	24.855	21
22	25.116	25.463	25.266	25.647	26.786	26.846	27.490	26.425	25.476	25.154	25.676	24.823	22
23	25.091	25.426	25.245	25.596	26.974	26.983	27.366	26.380	25.620	25.266	25.592	24.804	23
24	25.070	25.445	25.227	25.676	27.177	27.186	27.306	26.369	25.612	25.263	25.522	24.805	24
25	25.062	25.534	25.217	25.806	27.366	27.202	27.281	26.406	25.677	25.267	25.480	24.800	25
26	25.063	25.598	25.206	25.861	27.511	27.166	27.219	26.376	25.683	25.438	25.431	24.812	26
27	25.069	25.557	25.201	25.863	27.473	27.124	27.127	26.316	25.673	25.393	25.400	24.826	27
28	25.062	25.514	25.197	25.845	27.567	27.132	27.116	26.265	25.611	25.461	25.356	24.830	28
29	25.084		25.187	25.860	27.772	27.183	27.117	26.307	25.510	25.264	25.318	24.829	29
30	25.075		25.206	25.981	28.316	27.183	27.048	26.461	25.441	25.176	25.260	24.835	30
31	25.067		25.226		28.700		27.030	26.519		25.477		24.845	31
MEAN	25.162	25.261	25.354	25.462	26.586	27.478	27.340	26.801	25.906	25.242	25.780	24.978	MEAN
MAX	25.351	25.598	25.556	25.981	28.700	28.806	28.711	27.306	26.706	25.461	26.445	25.216	MAX
MIN	24.956	24.930	25.183	25.162	25.917	26.846	26.655	26.265	25.441	24.982	25.260	24.800	MIN

SUMMARY FOR THE YEAR 1983

WATER LEVELS IN METRES

MEAN, 25.947
MAXIMUM DAILY, 28.806 ON JUN 1
MINIMUM DAILY, 24.800 ON DEC 25
MAXIMUM INSTANTANEOUS,
28.834 AT 14:00 PST ON JUN 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 15 10 N
LONG 122 29 30 W

NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 169.326 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

LILLOOET RIVER NEAR PEMBERTON - STATION NO. 08MG005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	27.5B	30.1	47.7	47.6	129	490	246	328	219	52.2	103	38.0B	1
2	28.0B	28.2B	45.4	47.2	122	482	259	312	222	50.0	94.5	37.5B	2
3	29.0B	25.0B	43.4	45.7	121	397	257	319	202	49.7	97.6	37.0B	3
4	29.8	24.9B	42.0	45.3	117	335	232	243	202	54.0	98.7	36.0B	4
5	29.4	24.7B	40.3	45.2	112	286	231	223	174	51.3	84.2	35.3B	5
6	26.7	24.6B	39.6	46.2	114	271	243	227	157	46.9	76.9	35.0B	6
7	29.1	26.7B	38.6	50.4	125	304	223	222	138	43.9	69.1	34.5B	7
8	34.4	27.0B	39.0	51.9	112	338	188	259	109	42.1	62.2	33.0B	8
9	33.4	27.4	65.6	48.6	96.4	361	188	321	95.8	40.0	58.0	33.0B	9
10	32.8	27.5	78.7	46.3	87.1	429	183	322	91.5	38.0	66.1	32.5B	10
11	35.5	35.1	68.7	44.3	90.2	313	334	346	93.9	37.4	63.8	32.0B	11
12	47.0	58.8	62.1	42.7	98.5	281	620	325	90.2	39.0	69.1	31.5B	12
13	48.5	58.0	56.9	41.7	113	243	546	283	89.4	41.1	67.5	31.0B	13
14	42.3	53.1	55.0	41.6	127	238	501	306	97.8	39.9	62.8	30.4B	14
15	36.2B	52.1	53.6	42.7	116	284	336	277	94.6	38.3	82.5	30.2B	15
16	35.1B	48.5	49.9	45.7	118	304	290	247	102	38.7	88.0	29.5B	16
17	34.8	50.1	48.0	51.3	128	291	303	240	95.4	38.4	88.8	29.3B	17
18	33.5	52.6	46.1	58.3	130	271	309	222	74.9	35.1	76.1	29.0B	18
19	33.9	48.7	45.0	66.1	140	230	320	205	64.4	34.7	67.1	28.8B	19
20	33.4	57.0	44.3	73.6	174	213	387	192	60.6	37.8	60.1	40.0B	20
21	32.7	61.5	43.2	75.7	208	203	336	176	58.3	40.5	55.6	50.0B	21
22	31.8	48.1	42.6	77.0	218	230	308	171	87.2	72.5	52.3	49.7B	22
23	31.0	48.6	42.1	78.6	242	288	290	160	101	50.8	49.7	49.3B	23
24	30.7	60.6	42.5	94.1	271	302	295	184	111	41.2	48.2	48.1B	24
25	30.4	65.5	42.3	101	298	258	290	184	104	43.1	47.5	46.5B	25
26	32.2	58.9	41.8	92.4	282	230	273	188	93.4	183	45.9	46.5B	26
27	35.4	54.0	43.0	85.9	267	249	256	159	68.1	281	45.6	46.5B	27
28	33.8	50.6	42.8	90.3	300	262	286	185	66.9	120	42.9	42.5B	28
29	32.4		44.1	110	378	250	262	208	59.0	87.9	40.2	39.0B	29
30	31.5		47.6	125	486	254	254	203	54.7	148	39.8B	37.0B	30
31	30.8		48.3		517		243	208		160		36.0B	31
TOTAL	1 034.8	1 220.4	1 490.0	1 911.0	5 843.2	8 881	9 310	7 458	3 307.1	2 049.8	2 002.7	1 161.8	TOTAL
MEAN	33.4	43.6	48.1	63.7	188	296	300	241	110	66.1	66.8	37.5	MEAN
MAX	48.5	65.5	78.7	125	517	490	620	346	222	281	103	50.0	MAX
MIN	27.5	24.6	38.6	41.6	87.1	203	183	159	54.7	34.7	39.8	28.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 125
MAXIMUM DAILY, 620 ON JUL 12
MINIMUM DAILY, 24.6B ON FEB 6
MAXIMUM INSTANTANEOUS,
704 AT 06:43 PST ON JUL 12

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 20 08 N
LONG 122 47 58 W
DRAINAGE AREA, 2 160 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	89 400	JUL	804 000
FEB	105 000	AUG	644 000
MAR	129 000	SEP	286 000
APR	165 000	OCT	177 000
MAY	505 000	NOV	173 000
JUN	767 000	DEC	100 000

TOTAL DISCHARGE, 3 940 000 dam³

LIME CREEK NEAR THE MOUTH - STATION NO. 08MG010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.234B	0.419	0.530	0.833	3.77	2.95	---	0.581	0.613	---	1.53	0.196B	1
2	0.233B	0.402	0.503	0.802	3.87	2.76	---	0.443	0.615	---	1.42	0.190B	2
3	0.232B	0.373	0.453	1.19	3.53	2.40	---	0.365	0.925	---	1.57	0.184B	3
4	0.231B	0.369	0.411	1.46	3.87	2.00	---	0.310	1.80	---	1.80	0.178B	4
5	0.230B	0.357	0.412	2.04	3.85	2.04	---	0.288	1.26	---	1.33	0.172B	5
6	0.230B	0.352	0.402	2.05	4.07	2.03	---	0.310	1.80	1.73A	1.01	0.166B	6
7	0.260B	0.349	0.366	1.90	4.16	1.95	---	0.310	1.20	---	0.936	0.164B	7
8	1.08	0.342	0.333	1.35	3.79	1.96	---	0.254	0.975	---	0.796	0.160B	8
9	0.710	0.339	0.335	1.06	3.48	2.05	---	0.217	0.720	---	0.716	0.155B	9
10	0.540	0.337	0.330	0.990	3.96	1.96	---	0.202	0.615	---	0.583	0.152B	10
11	0.710	0.340	0.345	0.958	4.26	1.84	---	0.235	0.580	---	0.550	0.149B	11
12	1.07	0.348	0.390	0.914	4.38	1.74	---	0.326	0.583	---	0.530	0.146B	12
13	0.648	0.501	0.551	0.959	4.58	1.52	---	0.828	1.18	---	0.480	0.142B	13
14	0.587	0.787	0.879	1.16	5.13	1.52	---	0.872	0.958	---	0.486	0.140B	14
15	0.570	0.937	0.902	1.48	4.78	1.60	---	1.47	0.876	---	0.446	0.137B	15
16	0.581	0.808	0.889	1.63	4.26	1.80	---	1.80	0.724	---	0.446	0.134B	16
17	0.540	0.844	0.841	2.47	4.70	1.55	---	1.43	0.710	---	0.450	0.131B	17
18	0.540	0.618	0.836	2.74	3.96	1.47	---	0.782	0.593	---	0.436	0.129B	18
19	0.617	0.570	0.766	2.47	4.56	1.39	---	1.05	0.533	---	0.416	0.127B	19
20	0.648	0.546	0.852	2.09	3.57	0.931A	0.424A	1.46	1.40	2.53A	0.386	0.125B	20
21	0.620	0.518	0.566	2.58	2.81	---	0.303	1.00	0.971	2.82	0.330	0.123B	21
22	0.600	0.500	0.522	2.93	2.66	---	0.380	0.853	0.717	3.22	0.279	0.121B	22
23	0.561B	0.656	0.500	3.19	2.11	---	0.320	0.770	0.723	3.23	0.257	0.119B	23
24	0.536B	1.07	0.483	3.19	1.88	---	0.321	0.806	2.03	2.16	0.271	0.117B	24
25	0.503B	0.828	0.487	4.03	2.38	---	0.300	0.774	2.10 A	4.77	0.261	0.116B	25
26	0.481	0.837	0.518	3.66	1.85	---	0.351	0.802	---	2.95	0.251	0.114B	26
27	0.472	0.802	0.526	3.65	1.90	---	0.325	0.861	---	2.25	0.230B	0.112B	27
28	0.473	0.984	0.567	3.06	2.50	---	0.288	0.828	---	2.03	0.221B	0.112B	28
29	0.462		0.578	3.82	2.86	---	0.270	0.832	---	3.52	0.210B	0.111B	29
30	0.450		0.721	3.78	3.41	---	0.827	0.787	---	3.16	0.202B	0.110B	30
31	0.428		0.911		3.04		0.828	0.882		2.10		0.100B	31
TOTAL	16.130	15.002	17.326	65.466	109.67	---	---	23.770	---	---	18.536	4.347	TOTAL
MEAN	0.521	0.536	0.559	2.18	3.54	---	---	0.767	---	---	0.618	0.140	MEAN
MAX	1.08	1.07	0.911	4.03	5.13	---	---	1.80	---	---	1.80	0.196	MAX
MIN	0.230	0.337	0.330	0.802	1.85	---	---	0.202	---	---	0.202	0.100	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 0.100B ON DEC 31

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 27 18 N
LONG 122 38 46 W
DRAINAGE AREA, 39.4 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 390	JUL	---
FEB	1 300	AUG	2 050
MAR	1 500	SEP	---
APR	5 660	OCT	---
MAY	9 480	NOV	1 600
JUN	---	DEC	376

LINDEMAN CREEK NEAR BENNETT - STATION NO 09AA010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1 46	0 982	0 582	0 472	2 66	52 8	27 7	18 5	13 5	8 05	3 38	1 32	1
2	1 46	0 937	0 557	0 474	3 58	53 5	28 5	18 6	15 3	7 84	3 30	1 33	2
3	1 51	0 905	0 548	0 471	4 30	51 5	29 0	19 5	20 3	8 84	3 23	1 31	3
4	1 48	0 854	0 495	0 488	4 74	38 6	27 2	19 8	22 7	9 40	3 16	1 28	4
5	1 48	0 845	0 490	0 475	5 05	30 0	29 0	18 0	20 8	9 12	3 07	1 25	5
6	1 55	0 836	0 485	0 473	5 37	27 7	28 8	15 4	16 8	8 12	2 83	1 22	6
7	1 518	0 817	0 478	0 471	5 01	26 5	26 2	14 6	13 3	7 49	2 76	1 19	7
8	1 500	0 809	0 473	0 467	7 13	27 7	23 6	14 1	10 7	7 09	2 67	1 16	8
9	1 488	0 798	0 485	0 464	9 01	26 0	21 9	14 5	9 37	8 40	2 46	1 09	9
10	1 478	0 749	0 544	0 461	11 8	25 6	20 6	19 0	7 94	9 78	2 40	1 09	10
11	1 468	0 729	0 574	0 461	13 8	26 6	19 4	18 3	6 80	8 02	2 34	1 08	11
12	1 468	0 720	0 559	0 459	15 1	28 1	17 8	17 9	6 07	9 41	2 32	1 10	12
13	1 458	0 685	0 552	0 464	15 7	26 3	16 9	16 5	5 68	10 7	2 31	1 08	13
14	1 428	0 693	0 514	0 471	16 2	23 7	14 1	15 3	5 16	8 94	2 23	1 05	14
15	1 408	0 638	0 508	0 473	17 8	24 4	14 4	14 8	5 33	8 48	2 17	1 05	15
16	1 388	0 587	0 515	0 478	16 8	27 9	15 4	14 3	5 58	7 18	2 11	0 985	16
17	1 368	0 555	0 504	0 488	17 8	28 2	17 0	13 3	5 73	8 23	2 06	0 957	17
18	1 338	0 606	0 488	0 486	16 6	28 0	18 4	12 1	5 50	5 83	2 01	0 907	18
19	1 328	0 634	0 487	0 521	14 9	30 4	18 9	11 5	5 00	5 43	1 95	0 887	19
20	1 288	0 606	0 482	0 552	14 1	33 1	18 4	11 7	4 63	5 37	1 84	0 884	20
21	1 248	0 651	0 472	0 583	15 3	33 7	16 9	12 2	4 38	5 17	1 77	0 842	21
22	1 35	0 606	0 472	0 601	17 8	32 0	16 7	17 9	14 2	4 97	1 73	0 804A	22
23	1 21	0 635	0 485	0 635	19 8	30 3	17 0	24 5	15 4	4 79	1 71	0 804E	23
24	1 17	0 669	0 480	0 654	18 8	30 9	18 0	26 3	15 1	4 63	1 69	0 798E	24
25	1 13	0 639	0 486	0 699	16 5	33 6	15 9	27 3	14 2	4 55	1 65	0 788E	25
26	1 14	0 606	0 481	0 778	14 7	37 3	16 1	25 3	13 0	4 39	1 62	0 780E	26
27	1 10	0 600	0 481	0 833	12 9	37 6	17 3	21 7	10 4	4 17	1 58	0 784E	27
28	1 06	0 596	0 487	1 21	12 3	35 6	20 6	17 8	8 59	4 12	1 50	0 758E	28
29	1 08		0 487	1 61	15 0	31 6	21 2	15 7	7 40	3 98	1 40	0 764E	29
30	1 05		0 480	2 19	25 3	27 9	20 3	14 4	8 48	3 78	1 33	0 820E	30
31	1 02		0 480		42 9		19 5	13 4		3 63		0 900E	31
TOTAL	41 23	19 909	15 431	19 450	432 57	970 3	626 3	519 8	326 13	199 69	66 59	31 026	TOTAL
MEAN	1 33	0 711	0 498	0 648	14 0	32 3	20 2	16 8	10 9	6 44	2 22	1 00	MEAN
MAX	1 55	0 883	0 574	2 19	42 9	53 5	29 0	27 3	22 7	10 7	3 38	1 33	MAX
MIN	1 02	0 555	0 480	0 458	2 66	23 7	14 1	11 5	4 63	3 63	1 33	0 756	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0 85
MAXIMUM DAILY, 53 5 ON JUN 2
MINIMUM DAILY, 0 458 ON MAR 25
MAXIMUM INSTANTANEOUS,
56 9 AT 23 01 PST ON JUN 2

TYPE OF GAUGE - RECORDING
LOCATION - LAT 59 50 15 N
LONG 135 00 00 W
DRAINAGE AREA, 340 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 580	JUL	54 100
FEB	1 720	AUG	44 900
MAR	1 330	SEP	28 200
APR	1 680	OCT	17 300
MAY	37 400	NOV	5 760
JUN	83 800	DEC	2 680

TOTAL DISCHARGE, 282 000 dam³

LINDEMAN LAKE NEAR BENNETT - STATION NO 09AA003

DAILY WATER LEVEL IN METRES FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0 817	0 758	0 708	0 687	0 944	2 062	1 687	1 501	1 354	1 178	0 988	0 882	1
2	0 816	0 755	0 707	0 687	1 003	2 078	1 701	1 457	1 424	1 211	0 982	0 883	2
3	0 815	0 751	0 706	0 685	1 063	2 045	1 673	1 431	1 539	1 241	0 978	0 881	3
4	0 817	0 748	0 698	0 684	1 082	1 989	1 677	1 437	1 589	1 260	0 988	0 788	4
5	0 818	0 742	0 695	0 688	1 102	1 928	1 710	1 444	1 548	1 2E1	0 981	0 784	5
6	0 823	0 742	0 692	0 680	1 114	1 886	1 707	1 428	1 481	1 217	0 948	0 780	6
7	0 836	0 740	0 688	0 685	1 135	1 902	1 687	1 411	1 378	1 198	0 932	0 788	7
8	0 837	0 739	0 687	0 684	1 182	1 887	1 612	1 397	1 303	1 181	0 918	0 781	8
9	0 831	0 732	0 687	0 682	1 247	1 853	1 572	1 408	1 248	1 184	0 907	0 774	9
10	0 828A	0 731	0 706	0 681	1 333	1 845	1 580	1 483	1 197	1 130	0 900	0 774	10
11	0 8288	0 729	0 708	0 681	1 388	1 885	1 530	1 488	1 163	1 139	0 894	0 773	11
12	0 8288	0 728	0 707	0 680	1 420	1 895	1 487	1 488	1 141	1 200	0 893	0 776	12
13	0 8288	0 723	0 707	0 682	1 438	1 858	1 417	1 455	1 118	1 303	0 892	0 772	13
14	0 8288	0 724	0 702	0 685	1 448	1 808	1 398	1 428	1 108	1 278	0 888	0 768	14
15	0 828A	0 718	0 701	0 687	1 480	1 823	1 408	1 411	1 113	1 229	0 878	0 766	15
16	0 838	0 708	0 702	0 690	1 508	1 881	1 428	1 402	1 122	1 183	0 874	0 761	16
17	0 832	0 707	0 701	0 697	1 488	1 897	1 438	1 378	1 128	1 147	0 868	0 757	17
18	0 830	0 713	0 698	0 698	1 457	1 882	1 498	1 342	1 118	1 124	0 865	0 751	18
19	0 828	0 717	0 695	0 702	1 417	1 742	1 511	1 328	1 100	1 118	0 859	0 748	19
20	0 818	0 716	0 691	0 708	1 388	1 785	1 500	1 330	1 088	1 114	0 849	0 746	20
21	0 805	0 718	0 688	0 710	1 427	1 784	1 488	1 343	1 231	1 107	0 843	0 743	21
22	0 784	0 713	0 688	0 713	1 481	1 785	1 480	1 485	1 397	1 088	0 838	0 738A	22
23	0 788	0 717	0 683	0 718	1 538	1 734	1 468	1 828	1 500	1 068	0 837	0 738E	23
24	0 783	0 721	0 680	0 718	1 587	1 744	1 462	1 889	1 518	1 075	0 838	0 737E	24
25	0 779	0 717	0 678	0 725	1 634	1 784	1 442	1 878	1 467	1 071	0 832	0 736E	25
26	0 781	0 713	0 681	0 725	1 611	1 880	1 448	1 340	1 388	1 088	0 829	0 735E	26
27	0 778	0 713	0 680	0 784	1 383	1 885	1 478	1 888	1 303	1 048	0 828	0 733E	27
28	0 772	0 712	0 683	0 788	1 348	1 827	1 847	1 485	1 233	1 041	0 818	0 732E	28
29	0 778		0 684	0 828	1 417	1 758	1 884	1 438	1 182	1 033	0 809	0 732E	29
30	0 788		0 680	0 881	1 538	1 880	1 500	1 404	1 157	1 020	0 803	0 740E	30
31	0 785		0 680		1 848		1 522	1 377		1 008		0 788E	31
MEAN	0 808	0 728	0 694	0 711	1 380	1 781	1 533	1 488	1 285	1 107	0 884	0 783	MEAN
MAX	0 837	0 758	0 708	0 881	1 848	2 078	1 718	1 878	1 588	1 303	0 988	0 883	MAX
MIN	0 785	0 707	0 678	0 680	0 944	1 808	1 388	1 328	1 088	0 803	0 803	0 732	MIN

SUMMARY FOR THE YEAR 1983

WATER LEVELS IN METRES

MEAN, 1 080
MAXIMUM DAILY, 2 078 ON JUN 2
MINIMUM DAILY, 0 678 ON MAR 26
MAXIMUM INSTANTANEOUS,
2 114 AT 23 01 PST ON JUN 2

TYPE OF GAUGE - RECORDING
LOCATION - LAT 59 50 00 N
LONG 135 00 45 W

A - MANUAL GAUGE
E - ESTIMATED
NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 852 686 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1950 ADJ)

LIME CREEK AT THE MOUTH - STATION NO 08NK022

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.5008	0.5800	0.4358	0.481	1.87	8.13	2.88	1.78	0.986	0.783	0.643	0.5738	1
2	0.5028	0.5948	0.4908	0.486	1.95	7.92	2.86	1.73	0.995	0.783	0.638	0.5308	2
3	0.5128	0.6008	0.4828	0.495	2.07	8.01	3.05	1.63	0.997	0.755	0.654	0.5008	3
4	0.5308	0.5958	0.4818	0.493	2.09	8.37	3.05	1.58	0.983	0.768	1.47	0.5008	4
5	0.5288	0.5708	0.4808	0.497	2.11	7.56	3.05	1.55	0.986	0.741	1.09	0.4978	5
6	0.5458	0.5578	0.4828	0.528	2.28	7.91	3.05	1.51	0.955	0.719	0.939	0.4868	6
7	0.5528	0.5398	0.4908	0.561	2.55	8.16	3.04	1.49	0.929	0.719	0.923	0.4868	7
8	0.5608	0.5258	0.5008	0.554	2.55	8.13	3.00	1.49	0.912	0.715	0.883	0.4908	8
9	0.5688	0.5208	0.5208	0.535	2.50	7.87	2.94	1.47	0.902	0.707	0.848	0.5008	9
10	0.5808	0.5228	0.5388	0.518	2.40	7.42	2.77	1.44	0.896	0.702	0.827	0.5108	10
11	0.5788	0.5258	0.5408	0.514	2.42	8.12	2.82	1.45	0.879	0.704	0.813	0.5208	11
12	0.5688	0.5348	0.5388	0.522	2.55	9.25	2.83	1.40	0.857	0.700	0.788	0.5208	12
13	0.5858	0.5378	0.5208	0.506	2.80	9.05	2.85	1.35	0.832	0.702	0.763	0.5188	13
14	0.5428	0.5368	0.5078	0.519	3.01	8.52	3.45	1.31	0.840	0.692	0.782	0.5218	14
15	0.5308	0.5378	0.4978	0.539	3.15	8.53	3.03	1.28	0.815	0.681	0.788	0.5228	15
16	0.5288	0.5288	0.4868	0.580	3.06	8.07	3.15	1.25	0.815	0.685	0.768	0.5188	16
17	0.5198	0.5158	0.492	0.615	3.18	8.11	3.00	1.21	0.842	0.672	0.762	0.5188	17
18	0.5228	0.5078	0.480	0.740	3.38	8.05	3.02	1.20	0.841	0.685	0.711	0.5188	18
19	0.5268	0.5038	0.476	0.884	3.18	8.57	3.38	1.18	0.823	0.686	0.702	0.5188	19
20	0.5308	0.5008	0.474	1.02	3.24	8.28	3.41	1.12	0.812	0.695	0.804	0.5188	20
21	0.5228	0.4988	0.474	1.37	4.26	8.11	3.21	1.10	0.808	0.648	0.885	0.5188	21
22	0.5218	0.4968	0.485	1.85	5.17	8.09	2.94	1.14	0.782	0.707	0.882	0.5158	22
23	0.5278	0.4988	0.428	2.07	6.78	8.39	2.78	1.13	0.784	0.708	0.8438	0.5068	23
24	0.5408	0.4988	0.484	3.10	7.52	8.88	2.82	1.09	0.768	0.688	0.8388	0.4988	24
25	0.5508	0.4948	0.482	3.12	8.91	8.30	2.86	1.12	0.785	0.682	0.8208	0.4758	25
26	0.5358	0.4958	0.481	2.84	11.4	8.11	2.48	1.10	0.758	0.681	0.8408	0.4758	26
27	0.5708	0.4988	0.484	2.32	11.0	8.08	2.33	1.08	0.814	0.659	0.8328	0.4778	27
28	0.5108	0.4928	0.485	2.06	11.0	8.01	2.17	1.10	0.800	0.650	0.8188	0.4808	28
29	0.5108		0.487	1.97	11.8	8.04	2.04	1.05	0.780	0.648	0.8038	0.5008	29
30	0.5088		0.507	2.00	11.5	8.08	1.92	1.02	0.762	0.638	0.8058	0.5068	30
31	0.5068		0.494		9.81		1.85	0.997		0.649		0.5188	31
TOTAL	16.980	14.788	15.289	34.943	192.32	184.89	88.59	40.317	25.736	21.479	23.000	15.787	TOTAL
MEAN	0.547	0.528	0.493	1.12	6.91	8.16	2.86	1.30	0.858	0.693	0.767	0.509	MEAN
MAX	0.810	0.600	0.540	3.12	11.8	9.37	3.80	1.78	0.997	0.788	1.47	0.573	MAX
MIN	0.500	0.493	0.428	0.481	1.87	7.92	1.85	0.997	0.762	0.638	0.595	0.478	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.65
MAXIMUM DAILY, 11.8 ON MAY 28
MINIMUM DAILY, 0.428 ON MAR 23
MAXIMUM INSTANTANEOUS,
13.1 AT 23 10 MST ON MAY 28

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 53 29 N
LONG 114 50 00 W
DRAINAGE AREA, 138 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 470	JUL	7 650
FEB	1 280	AUG	3 480
MAR	1 320	SEP	2 220
APR	2 940	OCT	1 850
MAY	13 200	NOV	1 990
JUN	13 400	DEC	1 360

TOTAL DISCHARGE, 52 200 dam³

LINGFIELD CREEK NEAR THE MOUTH - STATION NO 08NA006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.0048	0.0038	0.0068	0.0718	2.12	0.38	0.818	0.274	0.084	0.051	0.184	0.0818	1
2	0.0048	0.0038	0.0068	0.0718	2.41	7.83	0.948	0.273	0.188	0.052	0.238	0.0688	2
3	0.0038	0.0038	0.0068	0.0728	2.55	8.52	0.884	0.253	0.187	0.057	0.183	0.0568	3
4	0.0028	0.0048	0.0068	0.0728	2.66	3.88	0.812	0.237	0.076	0.070	0.132	0.0558	4
5	0.0028	0.0028	0.0588	0.0728	2.86	3.02	0.821	0.181	0.057	0.048	0.1298	0.0548	5
6	0.0018	0.0008	0.0588	0.0718	2.81	2.86	0.724	0.187	0.058	0.044	0.1188	0.0548	6
7	0.0018	0.0898	0.0888	0.0718	2.78	2.89	0.631	0.182	0.084	0.044	0.1118	0.0558	7
8	0.0028	0.0588	0.0698	0.0718	2.18	2.57	0.618	0.171	0.044	0.040	0.1018	0.0578	8
9	0.0028	0.0588	0.0008	0.0708	1.78	2.38	0.578	0.174	0.041	0.042	0.0958	0.0588	9
10	0.0078	0.0888	0.0028	0.0708	1.62	2.19	0.567	0.188	0.048	0.038	0.0918	0.0608	10
11	0.0088	0.0818	0.0038	0.0718	1.58	1.73	0.617	0.188	0.052	0.048	0.0878	0.0628	11
12	0.0048	0.0828	0.0048	0.0728	1.52	1.61	0.584	0.144	0.048	0.054	0.0818	0.0628	12
13	0.0028	0.0828	0.0058	0.0748	2.43	1.38	0.533	0.128	0.052	0.051	0.081	0.0628	13
14	0.0038	0.0818	0.0068	0.0788	2.87	1.31	0.782	0.135	0.043	0.058	0.118	0.0628	14
15	0.0898	0.0888	0.0878	0.122	2.48	1.31	0.883	0.118	0.048	0.054	0.123	0.0618	15
16	0.0888	0.0888	0.0888	0.178	3.88	1.28	0.883	0.097	0.051	0.048	0.138	0.0608	16
17	0.0888	0.0888	0.0888	0.227	3.38	1.17	0.748	0.088	0.088	0.088	0.118	0.0588	17
18	0.0848	0.0888	0.0888	0.263	3.38	0.977	0.667	0.088	0.073	0.053	0.148	0.0588	18
19	0.0908	0.0888	0.0888	0.287	4.88	0.877	0.668	0.088	0.073	0.050	0.128	0.0578	19
20	0.0858	0.0888	0.0888	0.274	5.54	0.838	0.678	0.073	0.083	0.051	0.1178	0.0558	20
21	0.0788	0.0888	0.0878	0.288	5.85	0.838	0.859	0.088	0.184	0.053	0.1138	0.0548	21
22	0.0718	0.0888	0.0878	0.328	5.87	0.787	0.878	0.084	0.078	0.078	0.1138	0.0538	22
23	0.0788	0.0888	0.0868	0.314	5.88	1.18	0.824	0.088	0.084	0.081	0.1178	0.0528	23
24	0.0788	0.0888	0.0868	0.368	5.84	1.88	0.873	0.083	0.088	0.048	0.1218	0.0518	24
25	0.0798	0.0888	0.0868	0.573	7.87	1.83	0.858	0.088	0.081	0.085	0.1168	0.0518	25
26	0.0748	0.0888	0.0868	0.823	8.88	1.37	0.388	0.044	0.088	0.472	0.1088	0.0528	26
27	0.0708	0.0888	0.0868	0.788	8.14	1.18	0.382	0.044	0.085	0.447	0.0998	0.0528	27
28	0.0728	0.0868	0.0878	0.778	8.21	1.13	0.372	0.048	0.088	0.281	0.0818	0.0538	28
29	0.0708		0.0868	0.883	7.87	0.867	0.388	0.048	0.044	0.257	0.0738	0.0558	29
30	0.0878		0.0588	1.78	7.88	0.838	0.358	0.084	0.048	0.243	0.0688	0.0568	30
31	0.0868		0.0708		8.48		0.373	0.048		0.259		0.0588	31
TOTAL	2.028	1.881	1.898	8.181	128.38	88.882	18.342	3.788	1.842	3.222	3.483	1.788	TOTAL
MEAN	0.065	0.068	0.084	0.286	4.14	2.17	0.624	0.121	0.061	0.107	0.118	0.057	MEAN
MAX	0.087	0.084	0.878	1.78	8.48	8.38	0.884	0.274	0.188	0.472	0.238	0.083	MAX
MIN	0.068	0.068	0.068	0.068	0.878	1.82	0.787	0.272	0.044	0.048	0.068	0.081	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.564
MAXIMUM DAILY, 8.48 ON MAY 31
MINIMUM DAILY, 0.038 ON OCT 10
MAXIMUM INSTANTANEOUS,
10.0 AT 22:48 PST ON MAY 31

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 09 26 N
LONG 114 08 33 W
DRAINAGE AREA, 98.4 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	227	JUL	1 070
FEB	168	AUG	326
MAR	172	SEP	169
APR	783	OCT	287
MAY	11 100	NOV	301
JUN	8 039	DEC	192

TOTAL DISCHARGE, 21 000 dam³

LITTLE QUALICUM RIVER AT OUTLET OF CAMERON LAKE - STATION NO 08HB004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	8.49E	13.2	17.8	8.82E	7.40E	8.91	4.14	2.77	1.30	1.11	8.46	12.5	1
2	8.47E	11.8	16.5	8.95E	7.40	8.25	4.17	2.85	1.33	1.83	11.2 E	10.7	2
3	8.50E	10.8	13.4	8.60E	7.40	7.67	4.23	2.18	1.28	2.41	14.3	9.75	3
4	8.50	8.94	11.3	8.24E	7.45	7.05E	4.05	2.06	1.24	2.13	23.1	8.77	4
5	8.13	7.91E	10.6 E	8.19E	7.23	6.63E	3.83	2.02	1.16	1.71	20.4 E	7.90	5
6	8.36	7.28E	9.48E	8.04E	6.97	6.26	3.72	2.00	1.28	1.73	20.2 E	7.00E	6
7	11.4	6.78E	8.95	7.85E	7.20E	5.87	3.33	1.72	1.22	1.52	18.9 E	8.28	7
8	17.2 E	6.53	15.2	7.64E	7.22E	5.84	3.25	1.72	1.09	1.43	14.0 E	8.94	8
9	32.4	6.37	35.4	7.41E	7.11	5.71	3.04	1.68	0.948	1.35	12.9 E	7.23	9
10	38.9	7.89	41.5	7.07E	6.86	5.75	4.26	1.70	1.15	1.27	18.1 E	7.81E	10
11	38.2	41.9	36.9	6.82	6.22	11.1	5.26	1.46	1.24	1.25	20.5 E	7.94E	11
12	44.6	81.9 E	34.6 E	6.34	6.19	10.5	11.5	1.54	1.34	1.15	32.2 E	8.31	12
13	41.2	78.6 E	33.6 E	5.95	6.16	9.25	10.7	1.52	1.28	1.14	35.1 E	8.84	13
14	33.1	84.0 E	33.2 E	5.85	6.38	8.35	12.2	1.46	1.16	1.08	30.0 E	10.4	14
15	24.6 E	82.5 E	28.3	5.43E	6.87	7.52	11.2	1.44	0.984	1.03	35.0 E	10.3	15
16	21.0 E	38.0 E	25.3	5.20E	6.87	8.84	9.82	1.41	1.10	0.978	80.1 E	8.85E	16
17	17.8	40.2 E	21.5	5.11E	7.40	8.29	7.84	1.38	1.21	1.00	78.0 E	8.00E	17
18	17.3	38.9 E	18.2	5.06	7.74	8.87	8.78	1.34	1.39	0.978	58.8 E	7.45E	18
19	26.9	34.1 E	15.6 E	4.98	8.40	8.61	9.22	1.33	1.45	1.00	47.7 E	6.82E	19
20	24.3	37.0 E	13.4 E	5.70	8.33	8.28	8.93	1.29	5.66	1.14	37.0	6.10E	20
21	21.0	30.9 E	11.8	6.73	8.70	8.74	8.09	1.23	6.51	2.29	29.8	5.71E	21
22	18.0 E	30.7	10.5	6.76	7.81	8.39	7.58	1.19	3.87	3.89	24.2	5.30E	22
23	14.7 E	29.3	9.89	6.10E	8.56	8.22	7.07	1.03	3.19	4.77	19.4	4.98E	23
24	13.6	41.6	9.10	8.24	8.40	8.22	6.83	0.912	2.69	5.31	19.4	4.90E	24
25	14.6	36.5	8.24	8.60E	9.50	8.18	6.61	0.816	2.07	5.18	17.0	4.91E	25
26	20.8	28.2 E	8.10E	8.02E	8.77	8.06	6.41	0.912	1.86	5.22	16.9	4.88E	26
27	28.7	32.4 E	7.81E	8.76	8.14	8.06	6.38	1.13	1.67	8.06	17.0	4.60E	27
28	24.7	30.8	8.90	8.87	8.15	8.07	6.38	1.13	1.38	5.56	17.1	4.69E	28
29	21.1 E		8.06	8.87	8.70	8.74	6.36	1.15	1.22	5.45 E	15.2	5.05E	29
30	18.9 E		8.16	8.87	8.60	8.42	6.33	1.16	1.17	5.21 E	13.8	5.41E	30
31	16.8		11.4		8.95		6.08	1.26		5.46 E		5.62E	31
TOTAL	849.43	895.27	945.79	201.84	224.70	202.11	185.56	48.520	52.272	85.646	789.78	223.95	TOTAL
MEAN	28.9	32.8	17.8	8.73	7.25	8.74	5.34	1.50	1.76	2.76	26.3	7.23	MEAN
MAX	44.6	81.9	41.5	8.95	8.95	11.1	13.7	2.77	5.66	5.56	80.1	12.5	MAX
MIN	8.46	6.37	8.90	4.98	3.40	4.42	2.86	0.816	0.948	0.978	8.46	4.90	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 10.9
MAXIMUM DAILY, 80.1E ON NOV 16
MINIMUM DAILY, 0.816 ON AUG 25

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 17 27 N
LONG 124 35 00 W
DRAINAGE AREA, 135 km²

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	65 100	JUL	16 300
FEB	69 800	AUG	4 020
MAR	67 200	SEP	4 320
APR	17 400	OCT	7 400
MAY	19 400	NOV	88 200
JUN	17 500	DEC	19 400

TOTAL DISCHARGE, 345 000 dam³

LITTLE QUALICUM RIVER NEAR QUALICUM BEACH - STATION NO 08HB029

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	8.46	14.3	18.6	13.8	8.56	9.77	5.43	3.08	1.78	1.38	7.00	17.3	1
2	10.8	13.9	17.2	14.1	8.73	9.32	5.63	2.92	1.77	1.30	9.37	15.0	2
3	12.5	11.7	15.1	13.3	8.60	8.73	5.19	2.83	1.69	1.67	16.3	13.0	3
4	11.8	10.7	13.3	11.8	8.61	7.89	4.80	2.84	1.81	2.44	24.6	11.4	4
5	13.0	9.81	12.0	10.9	8.43	7.55	4.58	2.70	1.52	2.20	21.3	10.5	5
6	12.7	9.28	11.0	10.5	8.12	7.15	4.37	2.53	1.48	1.96	21.8	9.73	6
7	21.3	8.15	11.1	10.1	8.18	6.85	4.20	2.47	1.51	1.81	20.5	8.89	7
8	46.6	8.30	16.3	9.58	8.54	7.00	4.07	2.44	1.51	1.70	16.6	11.9	8
9	37.1	8.13	65.5	9.06	8.34	7.20	3.98	2.40	1.45	1.58	15.1	14.5	9
10	60.7	14.3	80.4	8.82	7.96	10.5	3.86	2.23	1.81	1.53	13.2	12.6	10
11	46.1	68.9	48.3	8.48	7.72	10.9	5.99	2.19	1.94	1.44	45.6	13.5	11
12	66.7	118	37.8	8.18	7.83	10.7	12.8	2.06	1.87	1.37	43.5	13.4	12
13	46.3	68.1	28.4	7.89	7.58	9.78	12.6	1.95	1.87	1.28	37.5	20.1	13
14	38.1	70.4	42.2	7.74	8.06	8.93	11.3	1.86	1.77	1.27	32.9	18.0	14
15	37.8	63.7	34.8	8.85	8.48	8.48	10.5	1.80	1.69	1.26	114	15.2	15
16	32.7	48.8	28.9	8.77	8.13	7.85	9.41	1.75	1.64	1.27	155	13.8	16
17	19.6	53.7	23.2	8.44	7.56	7.61	8.40	1.71	1.62	1.26	113	11.7	17
18	25.3	52.8	18.8	8.45	8.63	7.79	7.37	1.87	2.06	1.28	83.2	10.7	18
19	28.4	44.8	17.2	8.83	8.51	7.48	8.67	1.83	2.03	1.35	63.7	9.91	19
20	25.3	51.8	14.8	7.17	7.82	7.04	8.09	1.58	3.28	1.54	54.7	8.90	20
21	21.3	39.0	12.8	7.34	8.82	6.86	5.39	1.51	4.68	2.35	40.8	8.01	21
22	18.2	36.2	11.8	7.08	9.10	6.30	4.79	1.47	3.71	6.70	31.5	7.41	22
23	15.6	47.6	11.0	8.93	9.84	6.35	4.38	1.46	3.21	8.39	25.8	6.82	23
24	15.7	58.1	10.8	7.86	10.0	8.38	4.15	1.45	2.81	9.88	21.8	6.45	24
25	19.7	60.3	9.90	8.36	10.2	8.24	3.78	1.47	2.62	8.31	34.2	8.20	25
26	30.8	32.4	9.46	8.87	9.53	8.36	3.60	1.48	2.27	5.58	27.8	6.27	26
27	33.0	26.5	9.29	8.41	9.19	8.12	3.50	1.41	1.91	7.18	21.4	5.85	27
28	27.5	22.8	9.01	8.04	8.58	8.86	3.47	1.43	1.72	7.02	26.7	5.85	28
29	22.7		9.46	7.93	10.5	8.78	3.34	1.58	1.58	6.46	23.1	5.53	29
30	19.2		12.6	8.37	10.9	8.56	3.28	1.82	1.48	8.91	20.2	5.12	30
31	16.4		14.9		10.3		3.20	1.80		7.50		7.20	31
TOTAL	783.78	1 083.61	884.49	282.97	294.07	230.36	180.21	81.58	61.48	98.08	1 215.47	331.84	TOTAL
MEAN	25.8	38.7	21.4	8.77	8.65	7.88	5.81	1.98	2.08	3.18	40.5	10.7	MEAN
MAX	66.7	118	80.4	14.1	10.9	10.9	12.8	3.08	4.68	9.88	155	20.1	MAX
MIN	8.46	8.30	8.01	8.44	8.63	6.35	3.20	1.41	1.48	1.26	7.00	5.53	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 10.6
MAXIMUM DAILY, 155 ON NOV 16
MINIMUM DAILY, 1.26 ON OCT 15
MAXIMUM INSTANTANEOUS,
177 AT 06:30 PST ON NOV 16

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 21 07 N
LONG 124 29 07 W
DRAINAGE AREA, 237 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	68 500	JUL	15 800
FEB	93 500	AUG	5 320
MAR	57 400	SEP	5 310
APR	22 700	OCT	8 470
MAY	23 200	NOV	105 000
JUN	19 900	DEC	28 600

TOTAL DISCHARGE, 454 000 dam³

LITTLE SHUSWAP LAKE AT CHASE - STATION NO. 08LE057

DAILY WATER LEVEL IN METRES FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.883E	0.745E	0.959	1.425	2.094	3.398	3.308	2.955	1.730	1.302	1.107	1.367	1
2	0.918A	0.755E	0.982	1.435	2.137	3.495	3.288	2.907	1.720	1.288	1.136	1.378	2
3	0.904	0.764E	1.000	1.460	2.188	3.580	3.266	2.858	1.716	1.276	1.166	1.360	3
4	0.885	0.755E	1.006	1.450	2.232	3.640	3.238	2.814	1.715	1.261	1.188	1.346	4
5	0.874	0.735E	1.020	1.455	2.264	3.672	3.209	2.785	1.707	1.247	1.212	1.335	5
6	0.867	0.727E	1.030	1.458	2.286	3.683	3.192	2.717	1.697	1.235	1.236	1.317	6
7	0.860	0.718E	1.045	1.466	2.347	3.684	3.170	2.684	1.678	1.225	1.249	1.304	7
8	0.854	0.709E	1.055	1.475	2.387	3.694	3.138	2.617	1.662	1.218	1.264	1.300	8
9	0.853	0.704E	1.073	1.486	2.413	3.699	3.119	2.567	1.641	1.207	1.279	1.290	9
10	0.848	0.703E	1.092	1.504	2.432	3.714	3.101	2.517	1.632	1.198	1.287	1.275	10
11	0.844	0.702E	1.122	1.517	2.447	3.712	3.087	2.472	1.623	1.185	1.284	1.268	11
12	0.842	0.701E	1.157	1.519	2.459	3.697	3.120	2.435	1.610	1.175	1.289	1.260	12
13	0.839	0.700E	1.197	1.518	2.473	3.671	3.208	2.404	1.598	1.165	1.302	1.252	13
14	0.837	0.701E	1.235	1.518	2.484	3.634	3.301	2.388	1.587	1.155	1.310	1.238	14
15	0.833	0.702E	1.262	1.520	2.500	3.602	3.361	2.328	1.574	1.144	1.333	1.218	15
16	0.828	0.709E	1.284	1.518	2.524	3.585	3.386	2.291	1.551	1.133	1.343	1.195	16
17	0.822	0.721E	1.304	1.518	2.544	3.583	3.408	2.248	1.526	1.124	1.358	1.171	17
18	0.818	0.727E	1.319	1.523	2.569	3.598	3.401	2.209	1.514	1.117	1.377	1.133E	18
19	0.813	0.735E	1.332	1.537	2.583	3.610	3.384	2.171	1.498	1.115	1.385	1.109E	19
20	0.808	0.727E	1.345	1.554	2.610	3.607	3.368	2.124	1.487	1.108	1.406	1.068E	20
21	0.800	0.755E	1.351	1.585	2.634	3.606	3.339	2.078	1.473	1.088	1.407	1.058E	21
22	0.796	0.804A	1.356	1.623	2.658	3.583	3.310	2.045	1.455	1.092	1.410	1.039E	22
23	0.788	0.829	1.364	1.664	2.703	3.551	3.278	2.015	1.437	1.088	1.418	1.009E	23
24	0.784	0.850	1.369	1.717	2.749	3.530	3.240	1.981	1.424	1.080	1.424	0.957E	24
25	0.782	0.870	1.376	1.781	2.807	3.507	3.207	1.942	1.406	1.062	1.426	0.937E	25
26	0.778	0.894	1.381	1.873	2.874	3.468	3.174	1.905	1.392	1.085	1.427	0.917E	26
27	0.775	0.915	1.388	1.935	2.938	3.425	3.148	1.871	1.380	1.079	1.430	0.910E	27
28	0.775A	0.936	1.391	1.981	3.000	3.382	3.113	1.841	1.341	1.074	1.416	0.904E	28
29	0.764E		1.400	2.021	3.082	3.335	3.079	1.810	1.330	1.072	1.405	0.897E	29
30	0.755E		1.411	2.054	3.185	3.318	3.038	1.781	1.318	1.075	1.394	0.890E	30
31	0.745E		1.416		3.297		2.996	1.753		1.085		0.904E	31
MEAN	0.825	0.780	1.227	1.603	2.578	3.579	3.225	2.306	1.547	1.154	1.323	1.150	MEAN
MAX	0.919	0.936	1.416	2.054	3.297	3.714	3.408	2.956	1.730	1.302	1.430	1.387	MAX
MIN	0.745	0.700	0.959	1.425	2.094	3.318	2.996	1.753	1.318	1.072	1.107	0.890	MIN

SUMMARY FOR THE YEAR 1983

WATER LEVELS IN METRES

MEAN, 1.778
MAXIMUM DAILY, 3.714 ON JUN 10
MINIMUM DAILY, 0.700E ON FEB 13
MAXIMUM INSTANTANEOUS,
3.723 AT 18:30 PST ON JUN 10

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 48 42 N
LONG 119 40 28 W

A - MANUAL GAUGE

E - ESTIMATED

NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 343.613 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

LITTLE SWIFT RIVER AT THE MOUTH - STATION NO. 08KE024

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.620B	0.472B	0.420B	0.435B	4.45	7.05	4.24	1.53	0.481	0.505	0.850E	0.515B	1
2	0.610B	0.467B	0.417B	0.439B	4.66	6.25	5.80	1.48	1.82	0.511	0.785E	0.510B	2
3	0.605B	0.465B	0.413B	0.440B	4.56	5.48	5.44	1.33	1.42	0.758	0.755E	0.505B	3
4	0.600B	0.459B	0.410B	0.445B	4.49	4.81	4.45	1.18	0.986	1.83	0.775E	0.490B	4
5	0.600B	0.455B	0.408B	0.447B	4.80	4.66	3.83A	1.05	0.883	1.27	0.780E	0.460B	5
6	0.595B	0.445B	0.405B	0.450E	5.18	4.58	4.35E	0.977	0.857	1.05	0.790E	0.455B	6
7	0.590B	0.440B	0.403B	0.455E	5.16	4.25	4.55E	0.901	0.804	0.992	0.835E	0.445B	7
8	0.580B	0.435B	0.404B	0.465E	4.70	3.83	4.90E	0.808	0.931	0.901	0.870E	0.442B	8
9	0.575B	0.433B	0.405B	0.472E	4.13	4.43	5.35E	0.749	1.18	0.841	0.950E	0.430B	9
10	0.565B	0.432B	0.410B	0.478E	3.78	4.60	5.65E	0.707	0.924	0.776	0.830E	0.418B	10
11	0.558B	0.430B	0.415B	0.480E	3.46	4.46	6.00E	0.684	1.03	0.730	0.785E	0.415B	11
12	0.552B	0.426B	0.418B	0.485E	3.39	4.39	6.70E	0.627	0.882	0.714	0.735E	0.405B	12
13	0.548B	0.426B	0.419B	0.508A	3.57	4.04	7.20E	0.605	0.783	0.706	0.770E	0.396B	13
14	0.547B	0.425B	0.420B	0.718	3.84	3.33	6.50E	0.567	1.37	0.704	0.875E	0.383B	14
15	0.545B	0.423B	0.420B	1.02	4.04	3.88	5.10E	0.554	1.25	0.688	0.980E	0.365B	15
16	0.540B	0.422B	0.420B	1.25	4.29	3.59	4.10E	0.618	1.51	0.619	0.890E	0.345B	16
17	0.535B	0.423B	0.420B	1.74	5.25	6.78	4.40E	0.942	1.73	0.617	0.950E	0.300B	17
18	0.528B	0.423B	0.420B	2.43	5.36	10.7	4.75E	0.710	1.48	0.632	0.830E	0.275B	18
19	0.525B	0.425B	0.421B	2.84	5.09	9.19	4.75E	0.587	1.18	0.617	0.730E	0.260B	19
20	0.520B	0.428B	0.427B	3.33	5.81	12.3	4.31A	0.524	0.989	0.612	0.685B	0.246B	20
21	0.518B	0.433B	0.429B	4.32	7.26	8.94	5.35	0.486	1.02	0.618	0.655B	0.235B	21
22	0.518B	0.430B	0.432B	4.21	6.80	8.99	4.01	0.465	0.980	1.08	0.645B	0.220B	22
23	0.517B	0.427B	0.430B	3.56	6.89	8.07	3.27	0.431	0.867	0.986	0.640B	0.210B	23
24	0.518B	0.428B	0.428B	3.96	7.04	5.31	3.12	0.418	0.806	0.869	0.630B	0.200B	24
25	0.515B	0.423B	0.430B	4.66	7.87	4.81	3.00	0.389	0.769	0.853	0.600B	0.187B	25
26	0.510B	0.420B	0.425B	4.42	7.60	4.25	3.83	0.389	0.676	0.780E	0.580B	0.180B	26
27	0.512B	0.420B	0.432B	3.72	6.96	3.83	2.76	0.375	0.664	0.730E	0.575B	0.180B	27
28	0.500B	0.418B	0.439B	4.14	7.76	3.30	2.62	0.371	0.650	0.735E	0.580B	0.173B	28
29	0.488B		0.438B	4.68	9.08	3.83	2.32	0.367	0.622	0.800E	0.565B	0.170B	29
30	0.487B		0.437B	4.90	9.23	5.83	2.04	0.388	0.603	0.975E	0.520B	0.167B	30
31	0.480B		0.436B		8.24		1.83	0.367		0.940E		0.165B	31
TOTAL	16.910	12.152	13.051	81.907	174.88	165.26	137.24	21.653	30.137	25.739	22.480	10.187	TOTAL
MEAN	0.545	0.434	0.421	2.05	5.64	5.51	4.43	0.698	1.00	0.830	0.749	0.328	MEAN
MAX	0.620	0.472	0.439	4.90	9.23	12.3	7.20	1.53	1.82	1.83	0.890	0.515	MAX
MIN	0.480	0.418	0.403	0.435	3.39	3.30	1.83	0.367	0.481	0.505	0.520	0.165	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.58
MAXIMUM DAILY, 12.3 ON JUN 26
MINIMUM DAILY, 0.165B ON DEC 31
MAXIMUM INSTANTANEOUS,
14.9 AT 02:53 PST ON JUN 18

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 55 07 N
LONG 121 45 42 W
DRAINAGE AREA, 133 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 680	JUL	11 900
FEB	1 090	AUG	1 670
MAR	1 130	SEP	2 600
APR	5 350	OCT	2 220
MAY	15 100	NOV	1 940
JUN	14 300	DEC	878

TOTAL DISCHARGE, 59 800 dam³

LITTLE WEDEENE RIVER BELOW BOWBYES CREEK - STATION NO. 08FF002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.288	2.808	3.308	11.2	63.4	36.9	13.7	9.93	6.85	5.29	10.4	3.418	1
2	2.268	2.848	3.008	9.17	38.4	38.7	12.9	13.6	7.84	4.82	11.2	3.388	2
3	2.258	2.808	3.24	8.99	34.2	27.5	12.8	15.1	8.85	6.34	31.1	3.308	3
4	2.248	3.18	3.04	11.3	26.0	21.5	14.2	10.6	7.95	7.26	22.0	3.228	4
5	2.308	2.83	2.98	18.3	23.5	20.1	12.7	9.71	8.78	5.62	14.9	3.128	5
6	2.808	2.688	2.568	22.1	24.6	20.0	10.2	20.2	39.8	5.36	12.5	3.048	6
7	5.008	2.658	2.558	17.8	26.7	21.1	14.1	15.4	17.0	4.90	10.6	3.008	7
8	14.0 B	2.638	2.568	12.6	21.2	25.0	11.9	10.5	10.3	7.81	8.11	2.918	8
9	5.56	2.608	2.658	9.47	18.0	24.6	15.2	8.67	7.59	7.95	5.72	2.878	9
10	4.37	2.588	4.22	7.88	19.6	30.2	33.0	7.92	8.44	8.32	5.77	2.818	10
11	24.5	3.31	5.80	7.15	24.8	28.2	21.4	7.03	6.55	5.43	8.84	2.778	11
12	17.2	6.87	6.57	6.77	28.2	23.3	16.4	6.15	9.05	5.54	8.72	2.758	12
13	7.40	9.31	7.61	6.57	34.7	23.8	17.9	7.08	27.8	5.50	6.72	2.738	13
14	5.66	7.43	5.86	7.20	37.6	24.4	14.3	6.08	14.0	4.80	5.75	2.718	14
15	4.89	6.79	5.62	8.73	31.3	41.0	13.0	7.06	15.5	4.28	11.8	2.698	15
16	4.28	5.28	9.00	11.3	29.4	33.6	12.3	14.7	12.7	5.62	27.1	2.638	16
17	4.48	6.66	8.72	14.5	28.4	28.0	12.9	10.9	8.73	7.25	15.9	2.598	17
18	7.33	5.20	8.65	17.2	24.8	19.9	12.7	7.23	6.88	23.4	10.4	2.528	18
19	11.4	4.38	8.29	16.2	25.1	17.3	12.8	23.9	5.84	34.0	7.79	2.488	19
20	8.99	4.25	7.87	13.7	52.1	15.3	11.4	13.3	5.64	32.4	6.25	2.428	20
21	6.09	4.24	7.53	13.7	36.1	18.3	11.1	8.42	5.53	58.1	5.42	2.408	21
22	5.05	5.08	6.83	14.0	31.3	19.6	8.15	6.85	5.21	41.9	4.83	2.388	22
23	4.32	10.5	6.01	14.9	32.3	26.9	7.75	8.07	4.84	18.1	4.66	2.348	23
24	3.958	12.2	5.54	32.7	32.1	24.7	7.52	6.49	82.9	32.8	4.33	2.318	24
25	3.788	9.12	5.22	42.9	36.9	23.4	7.36	5.67	190	71.9	4.12	2.308	25
26	3.608	7.27	5.20	38.8	26.8	16.8	6.87	5.89	58.6	27.1	3.89	2.298	26
27	3.458	5.25	6.02	31.3	20.5	15.3	6.85	20.9	16.6	14.9	3.81	2.288	27
28	3.328	4.40	5.62	36.4	33.8	16.8	8.20	28.7	9.73	13.3	3.73	2.278	28
29	3.188		6.66	41.9	54.8	16.7	8.27	14.7	7.15	33.1	3.61	2.258	29
30	3.088		9.22	40.7	58.5	15.9	11.3	9.80	5.73	34.7	3.52	2.218	30
31	3.008		12.5		43.3		12.3	7.64		15.2		2.198	31
TOTAL	183.42	148.22	182.44	549.21	998.2	717.8	391.97	345.29	589.88	549.85	284.59	82.97	TOTAL
MEAN	5.92	5.29	5.89	18.3	32.2	23.9	12.6	11.1	19.7	17.7	9.49	2.68	MEAN
MAX	24.5	12.2	12.5	42.9	58.5	41.0	33.0	28.7	190	71.9	31.1	3.41	MAX
MIN	2.24	2.58	2.55	6.57	18.0	15.9	6.85	5.49	4.84	4.28	3.52	2.19	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 13.8
MAXIMUM DAILY, 190 ON SEP 25
MINIMUM DAILY, 2.188 ON DEC 31
MAXIMUM INSTANTANEOUS,
222 AT 18:04 PST ON SEP 25

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 08 11 N
LONG 128 41 24 W
DRAINAGE AREA, 188 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	15 800	JUL	33 900
FEB	12 800	AUG	29 800
MAR	15 800	SEP	51 000
APR	47 500	OCT	47 500
MAY	86 200	NOV	24 600
JUN	62 000	DEC	7 130

TOTAL DISCHARGE, 434 000 dam³

LOCH KATRINE CREEK AT OUTLET OF GRAYSTOKE LAKE - STATION NO. 08NM229

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0	0	0	0	0	4.38	1.21	0.158	0.778	0	0	0	1
2	0	0	0	0	0	4.80	1.30	0.410	0.769	0	0	0	2
3	0	0	0	0	0	4.30	1.31	0.552	0.771	0	0	0	3
4	0	0	0	0	0	3.20	1.04	0.827	0.768	0	0	0	4
5	0	0	0	0	0	2.87	0.759	1.08	0.780	0	0	0	5
6	0	0	0	0	0	2.85	0.687	1.04	0.755	0	0	0	6
7	0	0	0	0	0	2.88	0.625	1.04	0.754	0	0	0	7
8	0	0	0	0	0	3.19	0.669	1.04	0.747	0	0	0	8
9	0	0	0	0	0	3.77	0.736	1.03	0.357	0	0	0	9
10	0	0	0	0	0	2.90	0.537	1.01	0	0	0	0	10
11	0	0	0	0	0	2.38	0.542	0.983	0	0	0	0	11
12	0	0	0	0	0	2.08	0.855	0.889	0	0	0	0	12
13	0	0	0	0	0	2.04	1.50	0.883	0	0	0	0	13
14	0	0	0	0	0	2.04	1.22	0.885	0	0	0	0	14
15	0	0	0	0	0	2.48	0.962	0.952	0	0	0	0	15
16	0	0	0	0	0	3.33	0.904	0.848	0	0	0	0	16
17	0	0	0	0	0	3.43	0.714	0.947	0	0	0	0	17
18	0	0	0	0	0	3.26	0.571	0.938	0	0	0	0	18
19	0	0	0	0	0	2.08	0.457	0.921	0	0	0	0	19
20	0	0	0	0	0	1.70	0.415	0.917	0	0	0	0	20
21	0	0	0	0	0	1.88	0.388	0.908	0	0	0	0	21
22	0	0	0	0	0	1.63	0.335	0.898	0	0	0	0	22
23	0	0	0	0	0	1.45	0.286	0.880	0	0	0	0	23
24	0	0	0	0	0	1.82	0.252	0.877	0	0	0	0	24
25	0	0	0	0	0	2.30	0.278	0.880	0	0	0	0	25
26	0	0	0	0	0	1.50	0.325	0.852	0	0	0	0	26
27	0	0	0	0	0	1.24	0.233	0.838	0	0	0	0	27
28	0	0	0	0	0	1.18	0.268	0.827	0	0	0	0	28
29	0		0	0	0	1.17	0.302	0.823	0	0	0	0	29
30	0		0	0	0	1.31	0.233	0.811	0	0	0	0	30
31	0		0		0 200E		0.188	0.801		0		0	31
TOTAL	0	0	0	0	0.200	75.16	20.142	27.083	6.458	0	0	0	TOTAL
MEAN	0	0	0	0	0.006	2.51	0.650	0.874	0.215	0	0	0	MEAN
MAX	0	0	0	0	0.200	4.80	1.50	1.08	0.778	0	0	0	MAX
MIN	0	0	0	0	0	1.17	0.188	0.188	0	0	0	0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.354
MAXIMUM DAILY, 4.80 ON JUN 2
MINIMUM DAILY, 0 ON JAN 1
MAXIMUM INSTANTANEOUS,
4.93 AT 23:30 PST ON JUN 1

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 59 09 N
LONG 118 52 15 W
DRAINAGE AREA, 18.1 km²

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	0	JUL	1 740
FEB	0	AUG	2 340
MAR	0	SEP	558
APR	0	OCT	0
MAY	17.3	NOV	0
JUN	6 480	DEC	0

TOTAL DISCHARGE, 11 100 dam³

LOON CREEK NEAR THE MOUTH - STATION NO. 08LF071

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.110E	0.165	0.200B	0.220E	0.592	0.488	0.280E	0.172E	0.080	0.083	0.095	0.054E	1
2	0.110B	0.160B	0.210B	0.220E	0.592	0.504	0.295	0.185	0.072	0.088	0.087E	0.054	2
3	0.110B	0.170B	0.220B	0.215E	0.568	0.528	0.335	0.185	0.070	0.084	0.087E	0.053	3
4	0.120B	0.180B	0.230B	0.220	0.528	0.512	0.402	0.185	0.072	0.084	0.088	0.051	4
5	0.120B	0.180B	0.240B	0.235	0.480E	0.496	0.528	0.195	0.072	0.055E	0.095	0.051E	5
6	0.120B	0.190B	0.240B	0.252	0.440E	0.480	0.590E	0.185	0.068	0.058E	0.098	0.048E	6
7	0.130B	0.180B	0.240B	0.248	0.480	0.456	0.656	0.185	0.070E	0.057	0.100	0.047E	7
8	0.130B	0.190B	0.240B	0.236	0.432	0.480E	0.640	0.170E	0.075E	0.059	0.098	0.045	8
9	0.140B	0.200B	0.240B	0.232	0.520	0.450E	0.640	0.175E	0.084	0.062	0.098	0.042	9
10	0.140B	0.200B	0.240B	0.224	0.656	0.444	0.510E	0.175E	0.078	0.070	0.098E	0.042	10
11	0.146B	0.220	0.250B	0.196	0.880E	0.444	0.188	0.180E	0.088	0.072E	0.098E	0.042	11
12	0.150B	0.216	0.250B	0.186	0.700E	0.428	0.150	0.180E	0.068	0.074E	0.098E	0.040B	12
13	0.156B	0.212	0.260B	0.186	0.744	0.415E	0.133	0.180E	0.068	0.076	0.098E	0.040B	13
14	0.180B	0.224	0.280B	0.190E	0.696	0.408	0.135	0.180	0.068	0.078	0.098E	0.040B	14
15	0.160B	0.220	0.275	0.190E	0.672	0.390	0.143	0.174	0.064	0.078	0.098E	0.040B	15
16	0.160B	0.220	0.270	0.216	0.592	0.370E	0.130E	0.165	0.080	0.084	0.100E	0.040B	16
17	0.180B	0.224	0.232	0.228	0.560E	0.345	0.120E	0.182	0.089	0.092	0.100E	0.040B	17
18	0.160B	0.220	0.230E	0.224	0.560E	0.310	0.108	0.185	0.086	0.095E	0.100E	0.040B	18
19	0.160B	0.196	0.258	0.228	0.600E	0.335	0.086	0.136	0.084	0.088E	0.100E	0.040B	19
20	0.160B	0.188	0.260	0.236	0.672	0.330	0.098	0.133	0.086	0.100	0.100E	0.040B	20
21	0.160B	0.180E	0.256	0.225E	0.672	0.370E	0.110	0.133	0.051	0.086	0.088E	0.044B	21
22	0.160B	0.200E	0.270	0.226E	0.704	0.402	0.113	0.125E	0.084	0.088	0.088E	0.044B	22
23	0.171	0.224	0.265	0.244	0.752	0.390	0.110E	0.110E	0.054E	0.092	0.088E	0.044B	23
24	0.165	0.232	0.265	0.245	0.696	0.335	0.108	0.098	0.053E	0.084	0.088E	0.050B	24
25	0.156	0.228	0.258	0.378	0.656	0.300	0.103	0.092	0.053	0.086E	0.096	0.050B	25
26	0.158	0.220	0.224	0.432	0.620E	0.260	0.105E	0.088E	0.051	0.094E	0.100	0.060B	26
27	0.168	0.212	0.224	0.608	0.580E	0.236	0.108	0.082E	0.054	0.092	0.103	0.070B	27
28	0.159	0.200B	0.228	0.608	0.560E	0.232	0.105	0.078E	0.055	0.092	0.096	0.080B	28
29	0.150		0.224	0.608	0.536	0.244	0.070	0.072	0.055E	0.094	0.090	0.090B	29
30	0.150E		0.220	0.590E	0.512	0.260	0.200	0.083	0.054E	0.086	0.054	0.100B	30
31	0.154E		0.224		0.504		0.180	0.058E		0.100		0.120B	31
TOTAL	4.553	5.878	7.489	8.686	18.528	11.888	8.178	4.304	1.876	2.489	2.897	1.842	TOTAL
MEAN	0.147	0.203	0.242	0.289	0.598	0.380	0.264	0.139	0.063	0.080	0.097	0.053	MEAN
MAX	0.171	0.232	0.275	0.608	0.752	0.528	0.656	0.180	0.084	0.100	0.103	0.120	MAX
MIN	0.110	0.180	0.200	0.190	0.432	0.232	0.070	0.053	0.051	0.053	0.054	0.040	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.214
MAXIMUM DAILY, 0.656 ON JUL 7
MINIMUM DAILY, 0.0408 ON DEC 12

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 02 10 N
LONG 121 28 27 W
DRAINAGE AREA, 478 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	393	JUL	707
FEB	491	AUG	372
MAR	648	SEP	162
APR	749	OCT	213
MAY	1 600	NOV	250
JUN	1 010	DEC	142

TOTAL DISCHARGE, 8 740 dam³

LOUIS CREEK AT THE MOUTH - STATION NO. 08LB072

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.740B	1.03	1.11	1.25	13.0	21.4	5.30E	1.80	0.838	0.830E	1.38	1.26	1
2	0.800B	1.01	1.08	1.25E	13.6	18.9	4.77	1.38	0.878	0.810E	1.58	1.22	2
3	0.880	0.890	1.05	1.26E	14.3	15.5	4.25	1.22	0.899	0.800E	1.67	1.19 E	3
4	0.950	0.870	1.01	1.27E	15.1	14.3	4.13	1.15	0.939	0.785E	1.67	1.17 E	4
5	0.923	1.07	0.970	1.27	15.7	13.3	3.38	1.13	0.939	0.790E	1.87	1.15	5
6	0.896	1.03	0.932	1.30	16.0E	12.7	2.99	1.11	0.979	0.780E	1.88	1.11	6
7	0.710	0.970	1.03	1.30	16.1	12.3	2.90	1.10 E	1.00	0.765E	1.70E	1.11	7
8	0.780	0.950	1.15	1.33	15.7	11.8	2.74	1.10 E	1.04	0.760E	1.71	1.11	8
9	0.612	0.932	1.19	1.35	15.8	11.6	2.81	1.08 E	1.20 E	0.755E	1.77	1.51 B	9
10	0.905	0.898	1.24	1.36	15.8E	11.4	3.03	1.15 E	1.33 E	0.745E	1.77	1.30 B	10
11	0.841	1.08	1.31	1.44	15.8E	11.5	3.10E	1.20 E	1.20 E	0.735E	1.78	1.15	11
12	0.841	1.25	1.38	1.44	16.8	11.6	3.17	1.15 E	1.15 E	0.725E	1.82	1.15 E	12
13	0.980	1.38	1.48	1.53	17.0	11.9	3.38	1.13 E	1.35 E	0.720E	1.77	1.15	13
14	1.06	1.12	1.51	1.65	17.1	11.7	2.99	1.11 E	1.49 E	0.720E	1.71	1.15	14
15	0.8308	1.02	1.57	1.82	18.9	11.3	2.90	1.08 E	1.33 E	0.735E	1.71	1.11	15
16	0.810B	1.02	1.62	1.80E	18.7	10.9	2.99	1.07 E	1.25 E	0.755E	1.71	1.07 B	16
17	0.880B	1.10	1.58	2.20E	20.7	10.4	2.81	1.10 E	1.17 E	0.780E	1.69	1.04 B	17
18	0.960B	1.04	1.53	2.70E	29.3	10.8 E	2.81	1.05 E	1.10 E	0.820E	1.69	1.00 B	18
19	1.04	1.08	1.47	3.23	30.0	11.2 E	2.77	1.00 E	1.05	0.850E	1.59	0.990B	19
20	1.12	1.10	1.42	3.53	30.2	12.0 E	2.72	0.980E	1.04	0.900E	1.87	0.940B	20
21	1.16	1.14	1.35	3.84	30.3E	10.2 E	2.83	0.939	1.02	0.950E	1.80	0.920B	21
22	1.10	1.16	1.35	3.88	30.4E	8.60E	2.83	0.919	1.00	1.00 E	1.80	0.910B	22
23	1.06	1.23	1.30	4.08	30.6E	7.29	2.80	0.878	1.00	1.04	1.58	0.880B	23
24	1.04	1.25	1.36	4.74	30.7	6.88	2.63	0.878	1.00	1.10	1.58	0.780B	24
25	1.14	1.41	1.20	5.23	31.1	6.55	2.67	0.838	0.939	1.13	1.49	0.700B	25
26	1.18	1.45	1.27	5.40	28.7	6.22	2.80	0.818	0.899	1.15	1.48E	0.700B	26
27	1.32	1.23 E	1.26	11.6	30.6	6.10	2.80	0.778	0.899	1.22	1.48E	0.705B	27
28	1.15	1.13	1.21	11.5	27.6	5.63	2.27	0.778	0.838	1.36	1.45	0.730B	28
29	1.11		1.35	12.1	25.8	5.38	2.67	0.838	0.818	1.38	1.40	0.780B	29
30	1.08 E		1.23	12.6	24.3	4.98	2.47	0.838	0.838	1.36	1.38	0.790B	30
31	1.05		1.25		22.4		2.30	0.858		1.38		0.800B	31
TOTAL	30.038	31.038	39.882	113.73	679.0	324.51	93.91	32.240	31.433	28.630	48.87	31.615	TOTAL
MEAN	0.969	1.11	1.29	3.79	21.9	10.8	3.03	1.04	1.05	0.924	1.63	1.02	MEAN
MAX	1.32	1.45	1.62	12.6	31.1	21.4	5.30	1.80	1.49	1.38	1.82	1.51	MAX
MIN	0.696	0.898	0.932	1.25	13.0	4.98	2.27	0.778	0.818	0.720	1.38	0.700	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.07
MAXIMUM DAILY, 31.1 ON MAY 25
MINIMUM DAILY, 0.696 ON JAN 6

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 08 08 N
LONG 120 07 22 W
DRAINAGE AREA, 515 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 600	JUL	8 110
FEB	2 880	AUG	2 780
MAR	3 450	SEP	2 720
APR	9 830	OCT	2 470
MAY	58 700	NOV	4 220
JUN	28 000	DEC	2 720

TOTAL DISCHARGE, 128 000 dam³

MACIVOR CREEK NEAR THE MOUTH - STATION NO. 08JA016

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.1238	0.078	0.0588	0.056	1.09	4.34E	1.54	0.909	0.344	0.489	0.303	0.1188	1
2	0.1208	0.076	0.0548	0.056	1.22	4.63E	1.36	0.868	0.417	0.503	0.289	0.128	2
3	0.1188	0.078A	0.0528	0.064	1.15	3.33E	1.27	0.934	0.404	0.516	0.281	0.127	3
4	0.1168	0.071	0.0518	0.065	1.13	2.31	1.25	0.834	0.373	0.486	0.257	0.117	4
5	0.1148	0.084	0.0558	0.068	1.20	2.05	1.37	0.781	0.384	0.455	0.219	0.123	5
6	0.1118	0.081	0.0538	0.072	1.15	2.60	1.30	0.720	0.453	0.432	0.245	0.118	6
7	0.1088	0.0518	0.0518	0.073	1.13	2.53	1.29	0.718	0.453	0.372	0.241	0.116	7
8	0.1058	0.0548	0.0498	0.074	1.18	2.55	1.08	0.853	0.378	0.381	0.217	0.124	8
9	0.1028	0.068	0.0498	0.068	1.07	2.56	1.13	0.835	0.339	0.333	0.228	0.126	9
10	0.1008	0.068	0.063	0.070	0.944	2.93	1.12	0.615	0.309	0.314	0.230	0.104	10
11	0.0998	0.071	0.061	0.068	1.09	2.30	1.45	0.630	0.301	0.345	0.220	0.097	11
12	0.0978	0.068	0.065	0.065	1.35	2.05	1.28	0.824	0.321	0.376	0.218	0.098	12
13	0.0958	0.068	0.061	0.071	1.51	1.98	1.81	0.852	0.481	0.356	0.225	0.095	13
14	0.0948	0.064	0.063	0.072	1.71	1.90	3.30 E	0.515	0.720	0.324	0.218	0.087	14
15	0.0928	0.061	0.062	0.074	1.75	2.18	2.65	0.457	0.580	0.277	0.202	0.088	15
16	0.0918	0.062	0.071	0.087	2.04	2.10	2.08	0.433	0.885	0.318	0.207	0.083	16
17	0.0908	0.070	0.068	0.087	1.78	2.00	1.85	0.418	0.712	0.323	0.210	0.0818	17
18	0.0888	0.068	0.0608	0.102	1.84	2.04	1.50	0.388	0.681	0.274	0.188	0.0788	18
19	0.0868	0.0588	0.0598	0.104	1.87	1.74	1.47	0.382	0.647	0.307	0.1178	0.0768	19
20	0.0858	0.0578	0.068	0.101	3.27	2.24	1.37	0.343	0.885	0.281	0.188	0.0808	20
21	0.0848	0.0618	0.0608	0.101	3.32 E	1.87	1.24	0.328	0.750	0.275	0.1388	0.0778	21
22	0.0848	0.071	0.0618	0.112	3.85 E	1.91	1.09	0.309	0.841	0.297	0.1228	0.0788	22
23	0.0838	0.067	0.0628	0.156	3.82 E	2.14	1.03	0.283	0.584	0.218	0.180	0.0788	23
24	0.0838	0.070	0.068	0.240	3.56 E	4.72E	1.14	0.269	0.547	0.234	0.178	0.0788	24
25	0.0828	0.0598	0.0638	0.353	3.42 E	5.00E	1.10	0.258	0.477	0.257	0.188	0.0778	25
26	0.0818	0.0588	0.071	0.485	2.58	3.84E	1.09	0.288	0.510	0.334	0.180	0.0788	26
27	0.0808	0.065	0.067	0.544	2.84	2.56	1.24	0.278	0.481	0.318	0.178	0.0788	27
28	0.0808	0.068	0.068	0.678	3.35 E	1.91	2.03	0.298	0.494	0.298	0.140	0.0788	28
29	0.0798		0.068	0.947	4.37 E	1.76	1.50	0.412	0.458	0.283	0.134	0.0788	29
30	0.0798		0.068	1.11	5.88 E	1.62	1.08	0.364	0.421	0.374	0.1218	0.0748	30
31	0.0788		0.067		5.68 E		0.880	0.318		0.352		0.0748	31
TOTAL	2.928	1.833	1.895	5.232	71.634	77.55	44.740	15.854	14.967	10.878	8.012	2.879	TOTAL
MEAN	0.094	0.065	0.061	0.208	2.31	2.59	1.44	0.511	0.499	0.344	0.200	0.093	MEAN
MAX	0.123	0.078	0.071	1.11	5.88	5.00	3.30	0.934	0.750	0.516	0.303	0.128	MAX
MIN	0.078	0.061	0.049	0.056	0.944	1.62	0.880	0.258	0.301	0.218	0.117	0.080	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.705
MAXIMUM DAILY, 5.88E ON MAY 30
MINIMUM DAILY, 0.0488 ON MAR 8
MAXIMUM INSTANTANEOUS,
7.38E AT 21:04 PST ON MAY 30

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 48 07 N
LONG 126 21 00 W
DRAINAGE AREA, 83.4 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	283	JUL	3 870
FEB	158	AUG	1 370
MAR	194	SEP	1 290
APR	538	OCT	923
MAY	6 190	NOV	519
JUN	6 700	DEC	249

TOTAL DISCHARGE, 22 200 dam³

MACKAY CREEK AT MONTROYAL BOULEVARD - STATION NO. 08GA061

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.075	0.113	0.183	0.588	0.080	0.036	0.070	0.056	0.812	0.021	0.359	0.152	1
2	0.271	0.094	0.184	0.455	0.074	0.053	0.091	0.066	0.832	0.030	0.859	0.120	2
3	0.388	0.085	0.128	0.306	0.086	0.036	0.067	0.055	0.248	0.044	0.734	0.085	3
4	0.585	0.074	0.106	0.220	0.068	0.033	0.058	0.048	0.138	0.030	0.480	0.090	4
5	0.897	0.069	0.107	0.171	0.057	0.032	0.059	0.045	0.093	0.025	0.389	0.081	5
6	0.486	0.110	0.112	0.140	0.057	0.030	0.050	0.043	0.118	0.021	0.353	0.087	6
7	1.84	0.087	0.156	0.118	0.171	0.028	0.045	0.039	0.077	0.020	0.504	0.085	7
8	1.42	0.081	0.379	0.098	0.192	0.026	0.041	0.035	0.084	0.020	0.344	0.278	8
9	1.53	0.785	0.822	0.089	0.137	0.075	0.038	0.035	0.054	0.020	0.335	0.186	9
10	1.91	0.762	0.627	0.205	0.107	0.051	0.045	0.033	0.196	0.018	0.285	0.134	10
11	0.850	1.92	0.386	0.129	0.086	0.044	1.02	0.031	0.104	0.017	0.328	0.156	11
12	0.643	2.53	0.283	0.101	0.062	0.034	1.01	0.031	0.083	0.017	0.420	0.284	12
13	0.420	1.81	0.270	0.088	0.073	0.031	0.814	0.028	0.070	0.018	0.505	0.418	13
14	0.277	0.985	0.401	0.081	0.072	0.032	0.517	0.027	0.059	0.018	1.11	0.281	14
15	0.203	0.815	0.304	0.073	0.066	0.056	0.359	0.026	0.052	0.018	8.04	0.202	15
16	0.184	0.726	0.221	0.068	0.062	0.077	0.240	0.025	0.048	0.023	4.58	0.184	16
17	0.181	1.32	0.178	0.070	0.065	0.283	0.178	0.023	0.043	0.087	1.95	0.136	17
18	0.212	0.740	0.135	0.070	0.069	0.186	0.136	0.023	0.039	0.025	1.87	0.101	18
19	0.318	0.882	0.110	0.068	0.058	0.155	0.109	0.022	0.031	0.032	0.878	0.082	19
20	0.268	2.22	0.094	0.068	0.058	0.103	0.089	0.022	0.031	0.072	0.588	0.084	20
21	0.188	0.780	0.083	0.067	0.051	0.078	0.085	0.021	0.029	0.282	0.483	0.083	21
22	0.148	0.524	0.101	0.060	0.047	0.120	0.071	0.021	0.027	0.372	0.431	0.058	22
23	0.145	0.722	0.110	0.058	0.048	0.392	0.065	0.022	0.028	0.143	0.387	0.053	23
24	0.211	0.728	0.078	0.180	0.048	0.191	0.060	0.021	0.028	0.111	1.00	0.048	24
25	0.203	0.485	0.074	0.316	0.044	0.142	0.053	0.020	0.028	0.105	0.748	0.053	25
26	0.262	0.413	0.072	0.294	0.039	0.105	0.053	0.018	0.058	0.096	0.802	0.125	26
27	0.253	0.320	0.110	0.208	0.036	0.080	0.215	0.024	0.024	0.088	0.593	0.057	27
28	0.187	0.250	0.183	0.145	0.037	0.058	0.174	0.108	0.029	0.070	0.406	0.047	28
29	0.132		0.386	0.114	0.038	0.086	0.110	0.063	0.025	0.067	0.270	0.126	29
30	0.191		0.408	0.087	0.038	0.089	0.085	0.033	0.023	0.512	0.187	0.313	30
31	0.134		0.438		0.036		0.068	0.029		0.478		0.487	31
TOTAL	15.002	20.371	7.227	4.744	2.158	2.722	5.085	1.094	3.398	2.821	27.833	4.571	TOTAL
MEAN	0.484	0.728	0.233	0.158	0.070	0.091	0.195	0.035	0.113	0.091	0.921	0.147	MEAN
MAX	1.91	2.53	0.822	0.588	0.192	0.392	1.02	0.108	0.812	0.512	8.04	0.487	MAX
MIN	0.075	0.069	0.072	0.068	0.036	0.026	0.038	0.018	0.023	0.017	0.187	0.047	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.288
MAXIMUM DAILY, 8.04 ON NOV 15
MINIMUM DAILY, 0.017 ON OCT 11
MAXIMUM INSTANTANEOUS,
8.50 AT 21:43 PST ON NOV 15

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 21 22 N
LONG 123 05 54 W
DRAINAGE AREA, 3.83 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 300	JUL	538
FEB	1 760	AUG	94.5
MAR	624	SEP	294
APR	410	OCT	244
MAY	186	NOV	2 390
JUN	235	DEC	395

TOTAL DISCHARGE, 8 480 dam³

MACKAY RIVER AT THE MOUTH - STATION NO. 08NH022

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.703E	0.680B	1.32B	1.07	5.95	23.6	12.7	5.33	1.46	1.73	9.33	1.43 B	1
2	0.711B	0.685B	1.25B	1.08	6.26	18.8	12.2	4.83	2.09	1.68	8.12	1.37 B	2
3	0.720B	0.630B	1.18B	1.09	6.25	15.1	12.5	4.27	3.36	1.68	7.46	1.28 B	3
4	0.719B	0.680B	1.13B	1.11	6.18	12.9	12.3	3.68	2.86	2.11	6.83	1.27 B	4
5	0.718B	0.685B	1.12B	1.17	6.35	11.6	10.6	3.29	2.32	1.90	6.87	1.26 B	5
6	0.715B	0.680B	1.11B	1.26	7.60E	12.6	9.37	3.00	2.17	1.80	5.10	1.25 B	6
7	0.733B	0.670B	1.10B	1.40	7.20E	13.6	8.38	2.74	2.22	1.68	4.49	1.25 B	7
8	0.741B	0.680B	1.03B	1.41	8.70E	12.6	7.68	2.93	1.95	1.57	4.01	1.22 B	8
9	0.780B	0.690B	1.10B	1.36	8.40E	13.2	7.05	3.84	1.84	1.53	3.68	1.17 B	9
10	0.780B	0.805B	1.12B	1.30E	8.80E	12.6	8.51	3.62	1.82	1.47	3.15	1.08 B	10
11	0.770B	0.620B	1.14B	1.23E	8.30E	11.3	18.6	3.61	1.85	1.44	3.01	1.03 B	11
12	0.775B	0.630B	1.18B	1.20E	8.15E	9.92	29.7	3.18	1.86	1.41	2.86	0.990B	12
13	0.760B	0.640B	1.25B	1.30E	8.10E	9.83	24.1	2.71	1.92	1.40	2.86	0.950B	13
14	0.745B	0.650B	1.28B	1.40E	8.40E	10.8	24.7	2.54	2.09	1.40	2.90	0.910B	14
15	0.725B	0.655B	1.30B	1.55E	8.40E	13.5 A	18.3	2.40	2.09	1.33	2.47	0.870B	15
16	0.722B	0.660B	1.31B	1.80E	7.20E	14.0 E	14.5	2.29	3.81	1.27	3.35	0.850B	16
17	0.718B	0.660B	1.32B	2.15E	7.90E	14.5 E	11.8	2.25	3.48	1.26	3.51	0.830B	17
18	0.714B	0.660B	1.28B	2.30E	7.60E	14.0 E	9.91	2.07	2.85	1.27	2.99	0.810B	18
19	0.710B	0.665B	1.20B	2.45A	7.30E	15.0 E	8.98	1.88	2.53	1.39	2.81	0.790B	19
20	0.705B	0.670B	1.17B	3.78	7.70E	16.0 A	10.9	1.75	2.37	1.42	2.38	0.780B	20
21	0.700B	0.675B	1.10B	5.54	8.00E	12.5	11.1	1.69	2.34	1.62	2.20	0.710B	21
22	0.695B	0.690B	1.05B	4.85	8.80E	11.3	9.08	1.61	2.29	4.50	1.81	0.680B	22
23	0.710B	1.00 B	1.03B	4.72	11.0 E	13.5	7.84	1.56	2.34	2.58	2.03	0.620B	23
24	0.720B	1.27 B	1.02B	5.21	12.5 E	15.8	7.32	1.51	2.19	2.08	1.87	0.595B	24
25	0.725B	1.32 B	1.05B	5.68	13.2 E	14.8	7.50	1.47	2.11	1.93	1.81	0.585B	25
26	0.742B	1.35 B	1.07B	5.38	13.0 E	12.3	9.84	1.46	1.98	5.72	1.80	0.590B	26
27	0.748B	1.37 B	1.06B	5.07	12.8 A	11.3	7.54	1.45	2.23	10.4	1.78	0.600B	27
28	0.755B	1.39 B	1.05B	5.34	21.2	10.7	7.52	1.40	2.04	6.08	1.70	0.612B	28
29	0.760B		1.06	5.80	28.2	12.0	7.09	1.47	1.90	4.80	1.63	0.625B	29
30	0.725B		1.06	5.99	31.1	18.1	6.08	1.50	1.79	5.62	1.50B	0.627B	30
31	0.710B		1.07		27.6		5.72	1.47		13.6		0.650B	31
TOTAL	22.694	21.590	35.67	84.97	319.96	408.46	357.61	76.87	68.03	91.68	104.18	28.284	TOTAL
MEAN	0.729	0.771	1.15	2.83	10.3	13.6	11.5	2.54	2.27	2.98	3.47	0.912	MEAN
MAX	0.775	1.39	1.32	5.99	31.1	23.6	29.7	5.33	3.81	13.6	9.33	1.43	MAX
MIN	0.695	0.580	1.02	1.07	5.10	9.83	5.72	1.40	1.46	1.26	1.80	0.585	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.44
MAXIMUM DAILY, 31.1 ON MAY 30
MINIMUM DAILY, 0.580B ON FEB 6
MAXIMUM INSTANTANEOUS,
35.4 AT 22:23 PST ON MAY 30

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 32 25 N
LONG 120 43 20 W
DRAINAGE AREA, 144 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 950	JUL	30 800
FEB	1 870	AUG	6 610
MAR	3 070	SEP	5 880
APR	7 340	OCT	7 920
MAY	27 600	NOV	9 000
JUN	35 300	DEC	2 440

TOTAL DISCHARGE, 140 000 dam³

MACKENZIE CREEK ABOVE FISH AND WILDLIFE DIVERSION - STATION NO. 08NE125

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.181E	0.168E	0.201E	0.230	0.580	2.56	1.31	0.601E	0.302	0.239	0.410E	0.260	1
2	0.168E	0.165	0.192	0.232E	0.580	2.34	1.23	0.566	0.329	0.239	0.370E	0.257	2
3	0.167	0.165	0.192E	0.233E	0.570	2.26	1.17	0.525	0.304	0.234	0.365E	0.257	3
4	0.167E	0.162E	0.192	0.235	0.570	1.95	1.03	0.525	0.295	0.240	0.370E	0.253	4
5	0.167	0.159E	0.194E	0.235	0.590	1.80	0.975	0.505	0.323	0.239	0.376E	0.253	5
6	0.162E	0.155E	0.198E	0.237	0.615	1.69	0.975	0.485	0.313	0.240	0.344E	0.250	6
7	0.177	0.152	0.198	0.275	0.640	1.68	1.28	0.448	0.308	0.237	0.328E	0.248	7
8	0.180E	0.136E	0.224E	0.270	0.710	1.63	1.11	0.463E	0.295	0.235	0.311E	0.246	8
9	0.184E	0.181	0.250	0.280E	0.885	1.84	0.954	0.458	0.288	0.234	0.341E	0.238E	9
10	0.187	0.186	0.283	0.260E	0.805	1.86	0.947	0.448	0.282	0.234	0.330E	0.238E	10
11	0.189E	0.171E	0.288E	0.240	0.585	1.68	0.891	0.448	0.311	0.230	0.325E	0.238E	11
12	0.192	0.176E	0.249E	0.230	0.585	1.45	1.70	0.434	0.321	0.231	0.310E	0.238E	12
13	0.189E	0.182E	0.231E	0.228	0.550	1.28	2.13	0.415	0.295	0.234	0.295E	0.218E	13
14	0.187	0.187	0.214	0.220	0.580	1.25	2.63	0.402	0.290	0.231	0.308	0.214E	14
15	0.181E	0.192E	0.214	0.220	0.610	1.42	2.35	0.389	0.288	0.231	0.308	0.212E	15
16	0.178E	0.198	0.250	0.241E	0.605	1.49	2.08	0.388	0.282	0.234	0.304	0.207E	16
17	0.171	0.202E	0.235	0.262E	0.660	1.91	1.68	0.371	0.261	0.234	0.302	0.198E	17
18	0.182E	0.206	0.224	0.283	0.686	1.61	1.54	0.385	0.273	0.231	0.297	0.191E	18
19	0.185	0.208E	0.219E	0.630	0.704	1.30	1.41	0.380	0.271	0.228	0.295	0.187E	19
20	0.188E	0.208E	0.215E	0.498	0.670	1.30	1.29	0.380	0.267	0.235	0.290	0.180E	20
21	0.186	0.206	0.210	0.426	0.642	1.11	1.05	0.385	0.268	0.237	0.295	0.178E	21
22	0.188E	0.208E	0.216	0.442	0.954	1.04	0.988	0.339	0.284	0.253	0.290	0.174E	22
23	0.188E	0.206	0.208	0.613E	1.15	0.989	0.930	0.334	0.282	0.242	0.288	0.172E	23
24	0.185	0.210	0.210	0.783E	1.31	0.988	0.904	0.329	0.262	0.238	0.282	0.171E	24
25	0.188E	0.210E	0.214	0.954	1.69	0.933	0.878	0.380	0.263	0.239	0.281	0.173E	25
26	0.185	0.210E	0.213E	0.788	1.78	0.905	0.833	0.339	0.256	0.238	0.271	0.178E	26
27	0.172E	0.210E	0.211E	0.620	1.86	0.877	0.773	0.326	0.263	0.239	0.271	0.187E	27
28	0.177	0.210	0.210	0.580	2.20	0.884	0.718	0.326	0.260	0.242	0.271	0.194E	28
29	0.175E		0.214	0.630	2.80	0.905	0.701	0.321	0.250	0.246	0.271	0.189E	29
30	0.173E		0.230	0.560	2.96	1.31	0.688E	0.308	0.248	0.253	0.271	0.185E	30
31	0.171		0.235		2.86		0.634E	0.308		0.444		0.185E	31
TOTAL	5.488	5.205	6.612	12.183	32.448	44.381	37.767	12.574	8.483	7.586	9.387	6.589	TOTAL
MEAN	0.177	0.186	0.220	0.408	1.05	1.48	1.22	0.408	0.283	0.244	0.312	0.212	MEAN
MAX	0.192	0.210	0.283	0.954	2.86	2.56	2.63	0.601	0.329	0.444	0.410	0.260	MAX
MIN	0.166	0.152	0.192	0.220	0.550	0.877	0.634	0.308	0.248	0.228	0.271	0.171	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.517
MAXIMUM DAILY, 2.86 ON MAY 30
MINIMUM DAILY, 0.152 ON FEB 7

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - MANUAL
LOCATION - LAT 50 39 30 N
LONG 117 46 59 W

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	475	JUL	3 280
FEB	460	AUG	1 090
MAR	588	SEP	733
APR	1 080	OCT	854
MAY	3 800	NOV	809
JUN	3 630	DEC	558

TOTAL DISCHARGE, 16 300 dam³

MAHOOD CREEK NEAR NEWTON - STATION NO. 08MH018

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.181	0.332	0.311	2.29	0.115	0.051	0.078	0.053	2.25	0.035	0.837	0.300	1
2	0.806	0.287	0.272	1.10	0.106	0.279	0.262	0.107	0.355	0.033	1.90	0.258	2
3	1.49	0.249	0.243	0.601	0.102	0.086	0.060	0.065	0.104	0.427	1.63	0.227	3
4	1.67	0.222	0.219	0.412	0.086	0.044	0.038	0.049	0.071	0.084	0.702	0.257	4
5	3.77	0.196	0.207	0.330	0.082	0.039	0.038	0.051	0.057	0.050	0.732	0.328	5
6	1.09	0.370	0.432	0.270	0.108	0.039	0.039	0.052	0.282	0.047	0.769	0.235	6
7	3.26	0.251	0.883	0.243	0.370	0.043	0.037	0.044	0.154	0.044	0.848	0.192	7
8	1.92	0.398	1.49	0.212	0.712	0.044	0.039	0.041	0.085	0.034	0.446	1.06	8
9	1.86	2.09	1.51	0.632	0.486	0.135	0.038	0.104	0.054	0.035	0.730	0.800	9
10	3.13	1.18	1.55	0.535	0.189	0.148	0.081	0.087	0.530	0.034	0.670	0.530	10
11	1.04	2.53	0.736	0.264	0.143	0.101	2.37	0.052	0.116	0.036	0.874	0.621	11
12	0.925	3.06	0.845	0.208	0.122	0.039	0.886	0.045	0.081	0.038	0.670	1.38	12
13	0.558	1.25	1.23	0.180	0.102	0.039	0.879	0.038	0.068	0.037	1.09	1.12	13
14	0.430	0.900	1.04	0.158	0.142	0.047	0.463	0.033	0.060	0.036	4.95	1.18	14
15	0.365	1.08	0.672	0.138	0.103	0.075	0.232	0.036	0.061	0.032	5.37	0.529	15
16	0.315	1.17	0.380	0.122	0.081	0.338	0.148	0.038	0.108	0.033	3.70	0.381	16
17	0.422	2.23	0.320	0.118	0.108	0.842	0.109	0.038	0.083	0.226	2.31	0.305	17
18	0.747	1.24	0.270	0.123	0.095	0.121	0.084	0.037	0.101	0.048	1.75	0.258	18
19	1.48	3.63	0.222	0.109	0.072	0.158	0.089	0.035	0.052	0.135	1.76	0.2018	19
20	0.853	2.48	0.198	0.108	0.069	0.059	0.075	0.038	0.052	0.377	1.13	0.1498	20
21	0.434	1.09	0.178	0.135	0.083	0.055	0.068	0.036	0.045	1.84	0.585	0.1308	21
22	0.352	1.86	0.418	0.105	0.058	0.303	0.060	0.039	0.041	0.615	0.748	0.1088	22
23	0.388	1.31	0.207	0.115	0.054	0.301	0.057	0.040	0.038	0.158	0.528	0.0848	23
24	0.837	1.05	0.177	0.891	0.055	0.068	0.051	0.035	0.037	0.248	5.00	0.0808	24
25	0.841	0.882	0.184	0.548	0.053	0.054	0.061	0.038	0.034	0.207	1.45	0.1088	25
26	1.07	0.572	0.180	0.858	0.048	0.044	0.112	0.039	0.382	0.166	4.02	0.3888	26
27	0.676	0.420	0.214	0.283	0.048	0.045	0.504	0.031	0.055	0.208	1.74	0.0898	27
28	0.402	0.388	1.03	0.210	0.044	0.046	0.172	0.287	0.044	0.107	0.752	0.0888	28
29	0.337		1.70	0.178	0.045	0.044	0.072	0.098	0.042	0.171	0.518	0.4058	29
30	0.880		0.678	0.134	0.051	0.053	0.058	0.082	0.040	1.87	0.380	1.42	30
31	0.428		0.884		0.080		0.057	0.042		0.881		1.09	31
TOTAL	32.939	33.277	18.785	11.820	3.981	3.414	7.116	1.884	5.551	6.187	48.808	14.063	TOTAL
MEAN	1.06	1.18	0.606	0.387	0.128	0.114	0.230	0.061	0.185	0.284	1.63	0.454	MEAN
MAX	3.77	3.63	1.70	2.29	0.712	0.842	2.37	0.287	2.25	1.87	5.37	1.42	MAX
MIN	0.181	0.196	0.180	0.109	0.044	0.039	0.037	0.031	0.034	0.032	0.380	0.088	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.519
MAXIMUM DAILY, 5.37 ON NOV 15
MINIMUM DAILY, 0.031 ON AUG 27
MAXIMUM INSTANTANEOUS,
16.4 AT 04:18 PST ON NOV 14

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 09 22 N
LONG 122 50 31 W
DRAINAGE AREA, 18.4 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	2 820	JUL	615
FEB	2 880	AUG	163
MAR	1 620	SEP	480
APR	1 000	OCT	705
MAY	344	NOV	4 220
JUN	295	DEC	1 220

TOTAL DISCHARGE, 15 400 dam³

MAHOOD LAKE NEAR CLEARWATER STATION - STATION NO. 08LA010

DAILY WATER LEVEL IN METRES FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.036	1.015	1.014	1.136	1.726	2.132	1.881	1.471	1.085	1.008	1.087	1.088	1
2	1.037	1.006	1.015	1.144	1.752	2.127	1.895	1.458	1.107	1.008	1.102	1.087	2
3	1.042	1.008	1.019	1.149	1.781	2.095	1.895	1.441	1.115	0.998	1.111	1.088	3
4	1.039	1.005A	1.019	1.152	1.803	2.043	1.883	1.420	1.123	1.003	1.121	1.088A	4
5	1.040	1.005E	1.016	1.155	1.822	1.999	1.883	1.403	1.123	0.997	1.125	1.050E	5
6	1.035	1.000E	1.014	1.157	1.844	1.953	1.863	1.385	1.107	0.995	1.122	1.045E	6
7	1.036	1.000E	1.021	1.157	1.873	1.921	1.838	1.360	1.107	0.988	1.118	1.040E	7
8	1.039	1.000E	1.028	1.171	1.898	1.885	1.811	1.340	1.088	0.978	1.115	1.035E	8
9	1.048	1.000E	1.030	1.173	1.906	1.861	1.786	1.322	1.084	0.985	1.109	1.030E	9
10	1.049	1.005E	1.038	1.188	1.899	1.836	1.766	1.317	1.074	0.981	1.103	1.025E	10
11	1.048	1.005E	1.044	1.184	1.887	1.835	1.751	1.318	1.078	0.974	1.103	1.020E	11
12	1.053	1.005E	1.047	1.200	1.873	1.803	1.736	1.317	1.074	0.968	1.101	1.015E	12
13	1.052	1.010E	1.055	1.204	1.860	1.782	1.853	1.305	1.089	0.970	1.094	1.010E	13
14	1.045	1.010E	1.064	1.205	1.853	1.731	1.677	1.297	1.075	0.968	1.094	1.005E	14
15	1.037	1.010E	1.072	1.211	1.847	1.714	1.881	1.278	1.071	0.985	1.087	1.000E	15
16	1.037	1.010E	1.073	1.217	1.843	1.707	1.884	1.260	1.081	0.954	1.102	1.000E	16
17	1.034	1.010E	1.078	1.224	1.853	1.714	1.850	1.250	1.080	0.952	1.110	1.000E	17
18	1.031	1.005E	1.082	1.227	1.868	1.785	1.827	1.235	1.080	0.951	1.112	0.995E	18
19	1.035	1.005E	1.086	1.252	1.872	1.758	1.803	1.215	1.077	0.945	1.116	0.995E	19
20	1.037	1.005E	1.089	1.282	1.888	1.742	1.585	1.208	1.072	0.949	1.114	0.995E	20
21	1.034	1.005E	1.080	1.321	1.877	1.724	1.882	1.188	1.083	0.951	1.115	0.990E	21
22	1.028	1.010E	1.083	1.389	1.884	1.889	1.867	1.176	1.080	0.955	1.109	0.990E	22
23	1.020	1.010E	1.088	1.411	1.886	1.883	1.878	1.188	1.080	0.981	1.102	0.990E	23
24	1.008	1.010E	1.109	1.455	1.915	1.886	1.857	1.158	1.058	0.981	1.095	0.990E	24
25	1.006	1.012A	1.113	1.511	1.943	1.889	1.842	1.144	1.048	0.988	1.103	0.990E	25
26	1.007	1.009	1.113	1.563	1.966	1.872	1.843	1.122	1.045	0.992	1.100	0.990E	26
27	1.010	1.012	1.120	1.600	1.988	1.857	1.832	1.114	1.043	1.020	1.103	0.990E	27
28	1.017	1.014	1.127	1.644	1.982	1.836	1.825	1.101	1.035	1.037	1.087	0.990E	28
29	1.020		1.128	1.671	2.016	1.823	1.813	1.088	1.028	1.048	1.093	0.990E	29
30	1.015		1.128	1.701	2.068	1.847	1.498	1.089	1.021	1.055	1.088	0.990E	30
31	1.018		1.135		2.112		1.882	1.088		1.072		0.990E	31
MEAN	1.032	1.007	1.070	1.382	1.889	1.804	1.804	1.280	1.075	0.988	1.105	1.013	MEAN
MAX	1.053	1.015	1.135	1.701	2.112	2.132	1.895	1.471	1.123	1.072	1.125	1.088	MAX
MIN	1.006	1.000	1.014	1.136	1.726	1.823	1.882	1.088	1.021	0.945	1.086	0.990	MIN

WATER LEVELS IN METRES

MEAN, 1.284
MAXIMUM DAILY, 2.132 ON JUN 1
MINIMUM DAILY, 0.945 ON OCT 19
MAXIMUM INSTANTANEOUS,
2.143 AT 14:52 PST ON JUN 1

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 58 18 N
LONG 120 14 28 W

A - MANUAL GAUGE

E - ESTIMATED

NATURAL FLOW

MANOOD RIVER AT OUTLET OF MANOOD LAKE - STATION NO. 08LA005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	13.2	11.9	11.8	19.4	68.3	120	83.1	43.8	18.1	11.5	16.2	15.2	1
2	13.2	11.5	11.9	19.8	71.8	120	84.5	42.7	17.5	11.5	17.2	15.0	2
3	13.5	11.6	12.1	20.2	75.1	115	84.5	41.8	18.0	10.9	17.7	14.8	3
4	13.3	11.3A	12.1	20.4	77.8	109	83.3	40.0	18.5	11.2	18.4	14.5A	4
5	13.4	11.3E	12.0	20.5	80.3	103	83.3	38.7	18.5	10.9	18.7	14.0E	5
6	13.1	11.0E	11.8	20.7	83.0	96.8	81.3	37.4	17.5	10.8	18.4	13.7E	6
7	13.2	11.0E	12.2	21.3	86.6	92.7	58.8	35.5	17.5	10.4	18.2	13.4E	7
8	13.3	11.0E	12.5	21.5	89.8	88.2	56.1	34.0	16.8	9.81	18.0	13.1E	8
9	13.8	11.0E	12.8	21.7	90.8	65.1	53.7	32.6	16.8	10.2	17.6	12.8E	9
10	13.9	11.3E	13.2	22.7	89.8	82.2	51.9	32.3	16.4	10.1	17.2	12.5E	10
11	13.9	11.3E	13.6	23.1	88.4	81.9	50.6	32.4	15.7	9.89	17.2	12.2E	11
12	14.2	11.3E	13.8	23.5	86.7	77.8	54.7	32.2	15.4	9.60	17.1	11.9E	12
13	14.1	11.6E	14.3	23.8	85.0	72.7	60.3	31.4	15.1	9.48	16.7	11.6E	13
14	13.7	11.6E	15.0	24.0	84.2	68.8	62.7	30.8	15.7	9.39	16.6	11.3E	14
15	13.2	11.6E	15.3	24.3	83.4	66.7	63.1	29.4	15.2	9.23	16.6	11.0E	15
16	13.2	11.6E	15.4	24.6	82.9	65.8	61.4	28.0	15.9	8.68	17.1	11.0E	16
17	13.1	11.6E	15.7	25.3	84.1	66.7	60.0	27.3	15.8	8.61	17.6	11.0E	17
18	12.9	11.3E	15.9	26.3	86.0	73.1	57.7	26.2	15.8	8.63	17.5	10.8E	18
19	13.1	11.3E	16.2	27.4	86.6	72.3	55.3	24.6	15.8	8.28	18.1	10.8E	19
20	13.2	11.3E	16.3	28.7	86.1	70.3	53.7	24.1	15.3	8.67	17.9	10.8E	20
21	13.0	11.3E	16.4	32.6	87.1	67.9	53.4	22.8	15.1	8.53	18.0	10.5E	21
22	12.7	11.6E	16.6	36.2	87.9	64.9	52.8	21.9	14.8	8.28	17.8	10.5E	22
23	12.2	11.6E	16.9	38.4	89.5	63.3	52.7	21.3	14.8	10.1	17.1	10.5E	23
24	11.5	11.6E	17.6	42.6	91.9	63.6	51.2	20.7	14.4	10.1	16.7	10.5E	24
25	11.4	11.7A	17.9	47.1	95.6	63.9	49.6	19.9	13.9	10.4	17.2	10.5E	25
26	11.4	11.5	17.8	51.7	98.6	62.2	49.9	19.1	13.7	10.6	17.0	10.5E	26
27	12.1	11.7	18.3	55.1	98.6	60.7	48.9	17.9	13.8	12.2	17.2	10.5E	27
28	12.0	11.8	18.8	59.4	101	58.5	46.2	17.1	13.1	13.2	16.8	10.5E	28
29	12.2		18.9	62.1	105	57.3	47.2	16.8	12.7	13.9	16.8	10.5E	29
30	11.9		18.8	66.1	112	59.7	46.7	16.4	12.3	14.3	16.2	10.5E	30
31	12.1		18.3		116		44.7	16.3		16.3		10.5E	31
TOTAL	401.0	320.2	471.6	951.9	2 751.9	2 350.5	1 725.6	875.3	465.9	324.86	520.8	386.7	TOTAL
MEAN	12.9	11.4	15.2	31.7	88.8	78.4	55.7	28.2	15.5	10.5	17.4	11.8	MEAN
MAX	14.2	11.9	18.3	55.1	116	120	84.5	43.8	18.5	15.3	18.7	15.2	MAX
MIN	11.4	11.0	11.8	19.4	66.3	57.3	44.7	16.3	12.3	8.28	16.2	10.5	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 31.6
MAXIMUM DAILY, 120 ON JUN 1
MINIMUM DAILY, 8.28 ON OCT 19
MAXIMUM INSTANTANEOUS,
122 AT 14:52 PST ON JUN 1

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 55 55 N
LONG 120 14 29 W
DRAINAGE AREA, 4 710 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	34 600	JUL	149 000
FEB	27 700	AUG	75 600
MAR	40 700	SEP	40 300
APR	82 200	OCT	28 100
MAY	238 000	NOV	45 000
JUN	203 000	DEC	31 700

TOTAL DISCHARGE, 936 000 dam³

MAMQUAM RIVER ABOVE MASHITER CREEK - STATION NO. 08GA054

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	81.8	42.7	28.0E	35.5	8.45	33.1	11.0B	1
2	---	---	---	---	---	88.1	55.6	28.0E	35.6	8.23	76.9	10.5B	2
3	---	---	---	---	---	49.4	44.4	23.0E	22.8	8.19	83.7	10.3B	3
4	---	9.20A	---	---	---	43.6	38.9	21.0E	19.7	8.51	81.3	10.1B	4
5	---	---	---	---	---	40.3	35.9	20.0E	18.7	8.12	40.2	10.1B	5
6	---	---	---	---	---	40.2	35.0	19.5E	18.1	7.87	44.1	10.0B	6
7	---	---	---	---	---	53.4	30.0	31.0E	23.2	7.85	31.4	---	7
8	---	---	---	---	---	82.2	28.6	23.0E	17.2	7.84	24.6	---	8
9	---	---	---	---	---	62.0	26.4	23.5E	14.2	7.40	22.4	---	9
10	---	---	---	---	---	90.3	25.5	22.5E	22.0	7.24	30.3	---	10
11	---	---	---	---	---	54.5	112	21.5E	25.9	7.08	89.8	---	11
12	---	---	---	---	---	42.0	138	20.5E	19.1	7.01	84.2	---	12
13	---	---	---	---	30.4A	36.5	134	20.0E	15.6	6.98	58.9	---	13
14	---	---	---	11.2A	42.0E	42.2	94.3	21.0E	14.2	6.85	44.8	---	14
15	---	---	---	---	44.0E	55.4	67.6	20.0E	13.1	6.89	139	---	15
16	---	---	---	---	38.0E	46.3	39.5E	19.0E	13.1	6.84	130	---	16
17	---	---	---	---	36.0E	89.9	40.0E	18.1A	12.2	7.14	98.0	---	17
18	---	---	---	---	35.0E	61.2	41.0E	19.1	11.1	7.01	73.3	---	18
19	---	---	---	---	42.0E	46.2	42.0E	18.0	10.3	7.47	51.4	---	19
20	---	---	---	---	53.0E	38.4	35.0E	16.5	10.1	13.7	39.0	---	20
21	---	---	---	---	57.0E	36.0	30.5E	17.7	10.4	27.0	31.7	---	21
22	---	---	---	---	62.0E	36.9	31.5E	17.7	11.0	55.2	27.7	---	22
23	---	---	---	---	66.0E	51.9	30.0E	17.6	11.2	22.4	24.6	---	23
24	---	---	---	---	73.0E	50.5	28.5E	17.5	11.0	14.8	25.0	---	24
25	---	---	---	---	64.0E	47.1	27.5E	16.2	10.4	17.8	25.1	---	25
26	---	---	---	---	52.2A	46.7	32.0E	15.7	10.6	28.7	24.6	---	26
27	---	---	---	---	53.6	46.7	40.0E	15.0	10.3	37.6	25.2	---	27
28	---	---	---	---	57.0	45.1	34.0E	23.9	9.45	17.8	21.3	---	28
29	---		---	---	80.1	42.3	30.0E	28.1	8.88	13.1	17.8B	---	29
30	---		---	---	83.4	41.3	29.0E	22.0	8.68	48.7	13.1B	---	30
31	---		---		74.5		30.0E	20.1		47.7		---	31
TOTAL	---	---	---	---	---	1 516.2	1 450.8	636.6	471.82	488.15	1 450.4	---	TOTAL
MEAN	---	---	---	---	---	50.6	46.8	20.5	15.7	15.7	46.3	---	MEAN
MAX	---	---	---	---	---	90.3	138	23.1	25.9	55.2	139	---	MAX
MIN	---	---	---	---	---	36.0	25.4	15.0	8.68	8.84	13.1	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 139 ON NOV 15

MAXIMUM INSTANTANEOUS,
233 AT 23:53 PST ON JUL 11

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 43 44 N
LONG 123 08 20 W
DRAINAGE AREA, 334 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	125 000
FEB	---	AUG	55 000
MAR	---	SEP	40 800
APR	---	OCT	41 800
MAY	---	NOV	125 000
JUN	131 000	DEC	---

MATHER CREEK BELOW HOULE CREEK - STATION NO. 08NC078

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.229E	0.401E	0.815	0.481	4.24	8.54	2.64	1.10	0.833	0.384	0.428	0.3038	1
2	0.237E	0.391E	0.841	0.493	4.07	7.93	2.56	1.06	0.821	0.393	0.434	0.2398	2
3	0.244E	0.377E	0.842	0.505	4.02	7.26	2.51	1.00	0.591	0.392	0.443	0.2658	3
4	0.259E	0.359E	0.880	0.528	4.00	6.46	2.35	0.957	0.576	0.415	0.990	0.2728	4
5	0.287E	0.355E	0.857	0.569	3.95	5.84	2.22	0.911	0.804	0.428	0.758	0.2688	5
6	0.255E	0.358E	0.888	0.648	4.14	5.32	2.15	0.885	0.577	0.420	0.857	0.2818	6
7	0.262E	0.440E	0.877	0.751	4.54	5.35	2.13	0.838	0.570	0.422	0.628	0.2818	7
8	0.321E	0.488E	0.884	0.774	4.49	5.38	2.07	0.815	0.588	0.424	0.585	0.2928	8
9	0.329E	0.504E	0.884E	0.776	4.20	5.39	1.98	0.811	0.549	0.429	0.526	0.3218	9
10	0.34.E	0.519E	0.728E	0.771	3.97	4.99	1.83	0.808A	0.559	0.430	0.526	0.3518	10
11	0.324E	0.527E	0.860E	0.727	3.74	4.58	1.74	0.881	0.550	0.430	0.534	0.3578	11
12	0.330E	0.544E	0.935E	0.707	3.59	4.04	1.81	1.02	0.822	0.432	0.535	0.3488	12
13	0.332E	0.552E	0.890E	0.714	3.54	3.63	2.07	0.878	0.571	0.432	0.529	0.3428	13
14	0.364E	0.580E	0.845E	0.746	3.50	3.38	2.13	0.811	0.586	0.439	0.515	0.3428	14
15	0.328E	0.585E	0.809E	0.818	3.57	3.54	1.98	0.775	0.552	0.434	0.522	0.3368	15
16	0.308E	0.589E	0.788E	0.814	3.50	3.82	2.00	0.733	0.525	0.431	0.518	0.3278	16
17	0.322E	0.578E	0.688E	1.05	3.40	3.41	1.91	0.712	0.526	0.429	0.525	0.2988	17
18	0.341E	0.580E	0.621E	1.33	3.53	3.28	1.75	0.873	0.532	0.453	0.522	0.2878	18
19	0.350E	0.590E	0.588E	1.65	3.48	3.00	1.85	0.678	0.534	0.465	0.498	0.2138	19
20	0.388E	0.597E	0.589E	1.84	3.44	2.74	1.63	0.745	0.528	0.441	0.482	0.2468	20
21	0.354E	0.600E	0.557E	3.40 A	3.82	2.56	1.55	0.729	0.533	0.430	0.482	0.2048	21
22	0.350E	0.608E	0.520E	3.01	4.24	2.45	1.46	0.648	0.545	0.454	0.468	0.2118	22
23	0.348E	0.648A	0.484E	3.87	4.78	3.02	1.38	0.809	0.523	0.480	0.434	0.2038	23
24	0.342E	0.558	0.451E	5.87	5.91	3.57	1.34	0.717	0.502	0.448	0.404	0.1978	24
25	0.331E	0.575	0.432A	7.81	8.93	3.17	1.51	0.783	0.488	0.437	0.474	0.2248	25
26	0.333E	0.590	0.421	8.14	7.78	2.82	1.50	0.835	0.477	0.442	0.447	0.2528	26
27	0.347E	0.598	0.411	8.27	8.40	3.05	1.33	0.788	0.488	0.427	0.428	0.2528	27
28	0.344E	0.603	0.414	8.89	8.81	2.98	1.30	0.727	0.484A	0.418	0.4118	0.2528	28
29	0.339E		0.418	9.25	9.39	2.88	1.25	0.739	0.372	0.404	0.3488	0.2538	29
30	0.334E		0.440	8.15	10.3	2.84	1.20	0.887	0.376	0.411	0.3308	0.2538	30
31	0.388E		0.474		9.88		1.13	0.851		0.418		0.2838	31
TOTAL	9.907	14.838	19.236	83.850	155.54	126.89	56.19	25.075	16.233	13.288	15.428	8.510	TOTAL
MEAN	0.320	0.523	0.620	2.13	5.05	4.23	1.81	0.809	0.541	0.428	0.514	0.275	MEAN
MAX	0.388	0.648	0.935	7.81	10.3	8.54	2.64	1.10	0.850	0.480	0.880	0.367	MAX
MIN	0.229	0.355	0.411	0.481	3.40	2.45	1.13	0.809	0.372	0.384	0.330	0.197	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.44
MAXIMUM DAILY, 10.3 ON MAY 30
MINIMUM DAILY, 0.1978 ON DEC 24
MAXIMUM INSTANTANEOUS,
11.2 AT 00:50 MST ON MAY 30

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 43 30 N
LONG 115 55 30 W
DRAINAGE AREA, 136 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	855	JUL	4 850
FEB	1 280	AUG	2 170
MAR	1 660	SEP	1 400
APR	5 520	OCT	1 150
MAY	13 500	NOV	1 330
JUN	11 000	DEC	735

TOTAL DISCHARGE, 45 400 dam³

MAXWELL LAKE ON SALTSPRING ISLAND - STATION NO. 08HA057

DAILY WATER LEVEL IN METRES FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	2.490	---	---	---	---	1
2	---	---	---	---	2.870	---	---	---	---	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	2.870	---	---	2.800	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	2.300	---	---	---	5
6	---	---	---	---	---	2.700	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	2.480	---	---	---	---	9
10	---	---	---	---	2.820	---	---	---	---	---	---	---	10
11	---	---	---	2.900	2.810	---	2.580	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	2.380	---	---	---	13
14	---	---	---	---	---	2.880	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	2.430	---	---	---	---	16
17	---	---	---	---	2.800	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	2.880	---	---	2.670	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	2.350	---	---	---	20
21	---	---	---	---	---	2.870	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	2.370	---	---	---	---	23
24	---	---	---	---	2.780	---	---	---	---	---	---	---	24
25	---	---	---	2.780	---	---	---	---	---	---	---	---	25
26	---	---	---	---	---	---	2.530	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	2.310	---	---	---	27
28	---	3.020	2.880	---	---	2.880	---	---	---	---	---	---	28
29	---		---	---	---	---	---	---	---	---	---	---	29
30	---		---	---	---	---	---	2.330	---	---	---	---	30
31	2.970		---		2.780	---	---	---	---	---	---	---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - MANUAL
LOCATION - LAT 48 49 30 N
LONG 123 32 15 W
DATA CONTRIBUTED BY -
BRITISH COLUMBIA MINISTRY OF ENVIRONMENT

NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

MCCOY CREEK NEAR ALBERNI - STATION NO 08MB068

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	1.58	0.220	0.005	0.003	0.010	0	---	---	---	1
2	---	---	---	1.70	0.042	0.005	0.005	0.003	0	---	---	---	2
3	---	---	---	1.60	0.087	0.006	0.004	0.003	0	---	---	---	3
4	---	---	---	1.31	0.030	0.005	0.004	0	0	---	---	---	4
5	---	---	---	1.01	0.071	0.006	0.004	0	0	0	---	---	5
6	---	---	---	0.748	0.071	0.006	0.004	0	0	---	---	---	6
7	---	---	---	0.644	0.075	0.006	0.004	0	0	---	---	---	7
8	---	---	---	0.505	0.032	0.006	0.003	0	0	---	---	---	8
9	---	---	---	0.429	0.023	0.006	0.004	0	0	---	---	---	9
10	---	---	---	0.375	0.020	0.017	0.050	0	0	---	---	---	10
11	---	---	---	0.370	0.014	0.010	0.092	0	0	---	---	---	11
12	---	---	---	0.328	0.104	0.008	0.084	0	0	---	---	---	12
13	---	---	---	0.287	0.078	0.007	0.069	0	0	---	---	---	13
14	---	---	---	0.286	0.073	0.007	0.063	0	0	---	---	---	14
15	---	---	---	0.244	0.071	0.007	0.063	0	0	---	---	---	15
16	---	---	---	0.136	0.014	0.007	0.057	0	0	---	---	---	16
17	---	---	---	0.083	0.007	0.011	0.212	0	0	---	---	---	17
18	---	---	---	0.158	0.006	0.013	0.236	0	0	---	---	---	18
19	---	---	---	0.151	0.007	0.013	0.282	0	0	---	---	---	19
20	---	---	---	0.102	0.011	0.013	0.286	0	0	---	---	---	20
21	---	---	0.453	0.082	0.005	0.016	0.288	0	0	---	---	---	21
22	---	---	---	0.036	0.006	0.018	0.277	0	0	---	---	---	22
23	---	---	---	0.043	0.006	0.017	0.270	0	0	---	---	---	23
24	---	---	---	0.082	0.006	0.016	0.262	0	0	---	---	---	24
25	---	---	---	0.036	0.005	0.014	0.262	0	0	---	---	---	25
26	---	---	---	0.084	0.005	0.014	0.262	0	0	---	---	---	26
27	---	---	---	0.102	0.005	0.010	0.248	0	0	---	---	---	27
28	---	---	---	0.110	0.003	0.005	0.154	0	0	---	---	---	28
29	---		---	0.052	0.003	0.005	0.089	0	0	---	---	---	29
30	---		---	0.177	0.005	0.003	0.047	0	0	---	---	---	30
31	---		---		0.004		0.022	0		---		---	31
TOTAL	---	---	---	12.830	1.114	0.284	3.702	0.016	0	---	---	---	TOTAL
MEAN	---	---	---	0.428	0.036	0.009	0.119	0.001	0	---	---	---	MEAN
MAX	---	---	---	1.70	0.220	0.018	0.288	0.010	0	---	---	---	MAX
MIN	---	---	---	0.036	0.003	0.003	0.003	0	0	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 0 ON AUG 4

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 15 53 N
LONG 124 51 59 W

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	320
FEB	---	AUG	1.38
MAR	---	SEP	0
APR	1 110	OCT	---
MAY	96.2	NOV	---
JUN	24.5	DEC	---

MCCOY LAKE NEAR ALBERNI - STATION NO 08MB070

DAILY WATER LEVEL IN METRES FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	3.140	2.880	2.850	2.880	2.840	2.380	---	2.632	---	1
2	---	---	---	3.120	2.860	2.850	2.880	2.830	2.380	---	---	---	2
3	---	---	---	3.100	2.840	2.850	2.880	2.830	2.380	---	---	---	3
4	---	---	---	3.080	2.820	2.850	2.890	2.820	2.380	---	---	---	4
5	---	---	---	2.980	2.820	2.850	2.700	2.810	2.380	---	---	---	5
6	---	---	---	2.880	2.800	2.850	2.720	2.810	2.400	---	---	---	6
7	---	---	---	2.800	2.820	2.850	2.720	2.810	2.400	---	---	---	7
8	---	---	---	2.740	2.840	2.880	2.730	2.800	2.400	---	---	---	8
9	---	---	---	2.680	2.850	2.880	2.740	2.800	2.400	---	---	---	9
10	---	---	---	2.680	2.850	2.870	2.740	2.480	2.400	---	---	---	10
11	---	---	---	2.850	2.840	2.870	2.750	2.480	2.400	---	---	---	11
12	---	---	---	2.830	2.840	2.870	2.750	2.480	2.410	---	---	---	12
13	---	---	---	2.800	2.840	2.870	2.750	2.480	2.410	---	---	---	13
14	---	---	---	2.800	2.840	2.880	2.750	2.480	2.430	---	---	---	14
15	---	---	---	2.580	2.850	2.880	2.750	2.480	2.440	---	---	---	15
16	---	---	---	2.600	2.860	2.870	2.790	2.440	2.450	---	---	---	16
17	---	---	---	2.600	2.860	2.880	2.790	2.420	2.450	---	---	---	17
18	---	---	---	2.580	2.870	2.880	2.730	2.400	2.450	---	---	---	18
19	---	---	---	2.600	2.870	2.880	2.880	2.400	2.450	---	---	---	19
20	---	---	---	2.600	2.870	2.880	2.890	2.380	2.440	---	---	---	20
21	---	---	2.854	2.610	2.870	2.880	2.870	2.380	2.440	---	---	---	21
22	---	---	---	2.610	2.870	2.880	2.880	2.370	2.440	---	---	---	22
23	---	---	---	2.620	2.870	2.880	2.880	2.380	2.430	---	---	---	23
24	---	---	---	2.640	2.880	2.880	2.880	2.380	2.430	---	---	---	24
25	---	---	---	2.640	2.880	2.880	2.880	2.380	2.430	---	---	---	25
26	---	---	---	2.650	2.880	2.880	2.880	2.340	2.430	---	---	---	26
27	---	---	---	2.680	2.880	2.880	2.850	2.340	2.430	---	---	---	27
28	---	---	---	2.680	2.850	2.880	2.850	2.340	2.420	---	---	---	28
29	---		---	2.700	2.850	2.840	2.840	2.380	2.420	---	---	---	29
30	---		---	2.650	2.850	2.880	2.840	2.380	2.420	---	---	---	30
31	---		---		2.850		2.840	2.380		---		---	31
MEAN	---	---	---	2.721	2.850	2.868	2.801	2.432	2.417	---	---	---	MEAN
MAX	---	---	---	3.140	2.870	2.880	2.790	2.840	2.450	---	---	---	MAX
MIN	---	---	---	2.580	2.800	2.840	2.840	2.340	2.380	---	---	---	MIN

WATER LEVELS IN METRES

MINIMUM DAILY, 2.340 ON AUG 26

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 15 54 N
LONG 124 53 03 W

NATURAL FLOW

McFAYDEN CREEK NEAR VALLICAN - STATION NO. 08NJ126

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.057	0.186	0.843	0.092	0.051	0.015	0.005	---	---	1
2	---	---	---	0.060	0.177	0.618	0.125	0.047	0.017	0.005	---	---	2
3	---	---	---	0.055	0.180	0.557	0.108	0.045	0.012	0.005	---	---	3
4	---	---	---	0.058	0.177	0.387	0.092	0.040	0.011	0.005	---	---	4
5	---	---	---	0.058	0.183	0.352	0.087	0.036	0.010E	0.005	---	---	5
6	---	---	---	0.060	0.208	0.335	0.092	0.033	0.010E	0.005	---	---	6
7	---	---	---	0.080	0.231	0.339	0.076	0.031	0.009	0.005	---	---	7
8	---	---	---	0.082	0.231	0.335	0.076	0.030	0.008	0.005	---	---	8
9	---	---	---	0.088	0.188	0.320E	0.068	0.028	0.010	0.005	---	---	9
10	---	---	---	0.085	0.177	0.304E	0.068	0.027	0.012	0.005	---	---	10
11	---	---	---	0.088	0.186	0.289	0.084	0.041	0.013	0.005	---	---	11
12	---	---	---	0.080	0.183	0.267	0.087	0.032	0.010	0.004	---	---	12
13	---	---	---	0.058	0.172	0.184	0.147	0.028	0.010	0.005	---	---	13
14	---	---	---	0.080	0.177	0.181	0.137	0.025	0.010	0.005	---	---	14
15	---	---	---	0.058	0.191	0.253	0.125	0.023	0.009	0.005	---	---	15
16	---	---	---	0.088	0.208	0.208	0.112	0.022	0.010	0.005	---	---	16
17	---	---	---	0.080	0.232	0.250	0.103	0.020	0.007	0.005	---	---	17
18	---	---	---	0.101	0.238	0.202	0.089	0.017	0.008	0.006	---	---	18
19	---	---	---	0.135	0.223	0.177	0.085	0.017	0.007	0.005	---	---	19
20	---	---	---	0.161	0.238	0.155	0.078	0.018	0.007	0.007	---	---	20
21	---	---	---	0.185	0.260	0.137	0.080	0.015	0.007	0.007	---	---	21
22	---	---	---	0.173	0.339	0.137	0.070	0.014	0.007	0.018	---	---	22
23	---	---	---	0.199	0.369	0.130	0.070	0.013	0.006	0.010	---	---	23
24	---	---	---	0.293	0.585	0.131	0.068	0.017	0.008	0.008	---	---	24
25	---	---	---	0.282	0.715	0.130	0.084	0.017	0.008	0.008	---	---	25
26	---	---	---	0.250	0.715	0.117	0.068	0.015	0.006	0.007	---	---	26
27	---	---	---	0.185	0.788	0.112	0.084	0.015	0.008	0.007	---	---	27
28	---	---	---	0.173	0.816	0.110	0.087	0.015	0.004	0.007	---	---	28
29	---		---	0.186	0.895	0.103	0.082	0.012	0.005	0.006	---	---	29
30	---		---	0.186	0.853	0.103	0.058	0.011	0.005	0.007	---	---	30
31	---		---		0.783		0.052	0.010		0.010		---	31
TOTAL	---	---	---	3.539	10.988	7.576	2.630	0.785	0.260	0.197	---	---	TOTAL
MEAN	---	---	---	0.118	0.354	0.253	0.085	0.025	0.009	0.006	---	---	MEAN
MAX	---	---	---	0.293	0.895	0.843	0.147	0.051	0.017	0.018	---	---	MAX
MIN	---	---	---	0.058	0.153	0.103	0.052	0.010	0.004	0.004	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 0.895 ON MAY 29

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 34 14 N
LONG 117 39 22 W
DRAINAGE AREA, 5.70 km²

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	227
FEB	---	AUG	68.1
MAR	---	SEP	22.5
APR	306	OCT	17.0
MAY	948	NOV	---
JUN	655	DEC	---

McGREGOR RIVER AT LOWER CANYON - STATION NO. 08KB003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	48.0B	31.4B	35.0B	81.0B	381	756	382	297	177	148	381	107 B	1
2	46.5B	31.4B	35.2B	85.0B	376	611	365	295	186	136	305	106 B	2
3	45.5B	31.4B	34.5B	87.0B	306	486	326	287	201	141	286	105 B	3
4	44.0B	31.2B	33.2B	89.0B	319	420	323	276	200	178	295	103 B	4
5	43.0B	31.0B	31.6B	89.0B	332	395	331	239	354	195	277	103 B	5
6	42.0B	30.9B	30.2B	88.5B	360	579	314	232	308	183	236	102 B	6
7	41.0B	30.7B	29.6B	87.0B	398	632	367	222	363	171	214	101 B	7
8	40.0B	30.5B	29.7B	85.0B	392	487	351	213	316	157	189	99.0B	8
9	39.5B	31.0B	29.5B	83.0B	341	544	317	223	264	145	182	98.5B	9
10	38.5B	31.2B	30.2B	82.5B	298	663	300	245	219	136	169	95.0B	10
11	37.5B	31.7B	30.6B	86.0B	285	616	356	284	194	131	159	92.0B	11
12	36.5B	32.2B	31.6B	91.0B	267	521	594	247	177	126	167	89.5B	12
13	36.0B	32.7B	32.5B	100 B	278	471	656	220	171	124	161	86.0B	13
14	35.3B	32.5B	34.5B	106	303	438	519	213	157	130	150	82.0B	14
15	35.0B	33.0B	81.0B	112	318	435	483	217	230	141	146	77.5B	15
16	34.7B	32.8B	84.0B	127	343	448	502	198	263	135	162	75.5B	16
17	34.5B	32.7B	83.5B	138	388	443	472	277	293	128	174	84.0B	17
18	34.0B	32.2B	82.0B	184	378	485	412	310	250E	128	171	83.0B	18
19	33.5B	31.8B	80.0B	245	348	592	392	244	207	133	162	80.0B	19
20	33.2B	31.0B	48.2B	363	367	767	381	205	185	145	148	85.0B	20
21	32.8B	30.4B	47.3B	333	811	875	425	182	176	152	1288	82.0B	21
22	32.7B	30.0B	47.3B	282	497	471	385	168	174	220	1248	80.0B	22
23	32.5B	29.8B	47.5B	334	480	448	348	170	177	223	1238	67.5B	23
24	32.3B	30.5B	49.0B	358	470	455	328	172	178	198	1228	66.0B	24
25	32.0B	31.5B	51.5B	406	494	482	330	171	176	174	1218	64.5B	25
26	31.8B	33.5B	54.0B	353	520	415	350	139	181	329	1188	63.5B	26
27	31.7B	35.0B	57.0B	295	448	377	354	171	238	415	1168	63.0B	27
28	31.6B	36.8B	61.0B	285	462	389	311	189	201	308	1138	62.0B	28
29	31.5B		65.5B	310	520	365	300	171	174	242	1088	60.5B	29
30	31.5B		70.5B	305	771	384	278	176	157	240	1088	58.5B	30
31	31.4B		76.0B		825		278	171		378		57.5B	31
TOTAL	1 130.0	890.5	1 385.2	5 842.8	12 724	15 182	11 722	6 825	6 856	5 768	5 331	2 248.0	TOTAL
MEAN	36.5	31.8	44.7	188	410	505	378	220	229	187	178	72.5	MEAN
MAX	48.0	36.8	76.0	406	825	756	594	310	380	415	381	107	MAX
MIN	31.4	29.8	29.7	81.0	257	365	278	168	157	124	108	37.5	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 207
MAXIMUM DAILY, 825 ON MAY 31
MINIMUM DAILY, 29.7B ON MAR 6
MAXIMUM INSTANTANEOUS,
839 AT 08:00 PST ON MAY 31

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 13 56 N
LONG 121 40 00 W
DRAINAGE AREA, 4 770 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	97 500	JUL	1 010 000
FEB	76 900	AUG	590 000
MAR	120 000	SEP	583 000
APR	488 000	OCT	500 000
MAY	1 100 000	NOV	481 000
JUN	1 310 000	DEC	194 000

TOTAL DISCHARGE, 6 940 000 dam³

MCKALE RIVER NEAR 940 m CONTOUR - STATION NO. 08KA005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.378	1.198	1.05 B	0.9008	3.95	35.3	15.9	7.48	4.43	4.40E	6.50E	1.788	1
2	1.368	1.188	1.02 B	0.9108	4.37	26.4	13.5	7.20	6.81	4.35E	6.25E	1.738	2
3	1.358	1.208	1.00 B	0.9408	4.06	23.1	14.4	6.67	10.8	4.30E	5.70E	1.688	3
4	1.348	1.208	1.00 B	0.9708	4.21	19.4	14.4	6.00	9.84	5.00E	5.20E	1.638	4
5	1.328	1.208	1.00 B	1.00 B	5.16	17.6	13.4	5.65	9.85	5.33E	4.90E	1.598	5
6	1.318	1.198	0.9858	1.06 B	6.19	23.4	12.3	5.33	9.25	5.05E	4.40E	1.578	6
7	1.318	1.188	0.9808	1.08 B	7.50	32.6	12.4	5.14	9.45	4.80E	4.20E	1.568	7
8	1.308	1.178	0.9708	1.12 B	5.82	32.2	10.9	5.05	7.45	4.35E	4.00B	1.538	8
9	1.298	1.168	0.9608	1.16 B	4.95	27.1	10.5	5.21	6.44	4.27E	3.90B	1.508	9
10	1.288	1.158	0.9558	1.26 B	4.59	26.4	9.88	5.14	5.75	4.25E	3.82B	1.488	10
11	1.288	1.158	0.9508	1.32 B	4.26	19.4	13.0	5.15	5.38	4.23E	3.78B	1.448	11
12	1.288	1.158	0.9408	1.41 B	4.64	16.5	21.6	4.85	5.19	4.21E	3.70B	1.428	12
13	1.288	1.148	0.9258	1.44 B	5.59	16.9	20.6	4.55	5.68	4.20A	3.60B	1.398	13
14	1.278	1.138	0.9408	1.46	6.25	22.4	25.7	4.72	6.41	4.37	3.50B	1.378	14
15	1.278	1.138	0.9408	1.67	7.11	24.5	28.6	4.57	7.84	3.95	3.40B	1.338	15
16	1.278	1.138	0.9408	1.88	8.24	22.8	22.0	4.61	8.89	3.71	3.28B	1.288	16
17	1.278	1.138	0.9408	1.84	8.77	26.0	18.5	5.69	7.81	3.80A	3.10B	1.278	17
18	1.278	1.128	0.9258	2.15	7.54	21.0	15.4	5.68	6.66	3.70E	2.80B	1.258	18
19	1.278	1.138	0.9008	2.53	6.84	21.2	14.1	4.34	5.87	3.70E	2.45B	1.238	19
20	1.278	1.138	0.8908	2.93	12.0	20.7	13.1	4.06	5.64	3.65E	2.30B	1.228	20
21	1.278	1.138	0.8858	3.55	13.2	18.0	12.4	3.78	7.03	3.85E	2.20B	1.208	21
22	1.268	1.148	0.8808	3.05	14.7	20.3	11.0	3.62	8.79	4.15E	2.12B	1.188	22
23	1.268	1.158	0.8808	2.98	12.1	20.1	10.3	3.52	8.80	4.20E	2.08B	1.178	23
24	1.268	1.168	0.8808	3.80	10.4	21.6	9.85	3.42	8.27	3.85E	2.03B	1.168	24
25	1.268	1.168	0.8808	3.88	8.88	18.6	9.30	3.40	8.01	3.30E	2.00B	1.138	25
26	1.278	1.158	0.8808	3.24	9.98	13.8	11.6	3.39	8.38	4.80E	1.87B	1.128	26
27	1.278	1.108	0.8808	3.08	15.8	15.9	9.02	3.24	8.44	5.70E	1.84B	1.118	27
28	1.268	1.088	0.8688	3.43	26.6	15.5	8.58	3.18	8.82	5.85E	1.81B	1.108	28
29	1.238		0.8658	4.12	35.5	16.2	8.67	3.41	8.15	5.30E	1.68B	1.108	29
30	1.218		0.8908	4.19	41.7	22.2	7.68	3.23	5.74A	5.00E	1.83B	1.098	30
31	1.208		0.8958		39.8		7.76	3.25		4.50E		1.088	31
TOTAL	39.71	32.25	28.931	83.800	350.56	635.1	426.56	146.86	208.85	139.41	100.74	41.70	TOTAL
MEAN	1.28	1.15	0.933	2.13	11.3	21.2	13.8	4.73	6.96	4.50	3.35	1.35	MEAN
MAX	1.37	1.20	1.05	4.19	41.7	35.3	28.6	7.68	10.8	6.50	6.50	1.78	MAX
MIN	1.20	1.08	0.880	0.900	3.95	13.8	7.76	3.18	4.43	3.30	1.83	1.08	MIN

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 26 41 N
LONG 120 13 10 W
DRAINAGE AREA, 252 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.07
MAXIMUM DAILY, 41.7 ON MAY 30
MINIMUM DAILY, 0.8808 ON MAR 22
MAXIMUM INSTANTANEOUS,
55.7 AT 19:45 PST ON MAY 31

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	3 430	JUL	38 900
FEB	2 780	AUG	12 700
MAR	2 500	SEP	18 000
APR	5 610	OCT	12 000
MAY	30 300	NOV	8 700
JUN	54 900	DEC	3 600

TOTAL DISCHARGE, 191 000 dam³

MCKINLEY CREEK BELOW OUTLET OF MCKINLEY LAKE - STATION NO. 08KH020

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.48	1.48	2.54	3.84	12.8	14.9	12.1	8.84	1.38	1.21	3.38	3.00	1
2	1.58	1.48	2.58	3.88	12.5	14.5	12.3	8.23	1.45	1.21	3.87	2.80	2
3	1.88	1.38	2.87	3.88	12.4	14.2	12.3	8.87	1.58	1.24	3.82	2.73	3
4	1.68	1.28	2.54	3.74	12.3	13.5	12.3	8.08	1.83	1.24	4.07	2.71	4
5	1.87	1.21	2.50	3.77	12.1	12.7	11.8	4.59	1.83	1.25	4.32	2.85	5
6	1.88	1.19	2.48	3.81	12.2	11.8	11.2	4.24	1.88	1.24	4.25	2.81	6
7	1.88	1.21	2.51	3.87	12.4	11.1	10.5	3.81	1.47	1.22	4.15	2.46	7
8	1.83	1.25	2.59	3.94	12.3	10.8	9.80	3.81	1.48	1.18	4.13	2.32	8
9	1.70	1.28	2.80	3.88	12.4	10.0	9.39	4.15	1.49	1.11	4.08	2.32	9
10	1.85	1.28	2.87	4.00	12.1	9.58	8.92	4.14	1.46	1.09	3.98	2.32	10
11	1.90	1.38	2.91	4.02	11.7	9.50	8.63	4.09	1.52	1.09	3.98	2.28	11
12	1.80	1.40	3.18	4.02	11.2	9.11	8.47	4.04	1.57	1.09	3.89	2.22	12
13	1.83	1.41	3.43	3.85	10.8	8.73	10.4	3.90	1.59	1.08	3.81	2.28	13
14	1.78	1.43	3.83	3.80	10.5	8.30	11.3	3.83	1.57	1.11	3.73	2.28	14
15	1.87	1.42	4.06	3.83	10.2	8.07	12.0	3.42	1.58	1.10	3.88	2.28	15
16	1.82	1.44	4.18	3.78	9.89	8.11	12.1	3.22	1.78	1.11	3.82	2.12	16
17	1.85	1.48	4.21	3.84	10.2	8.20	11.8	3.04	1.81	1.10	3.92	1.87	17
18	1.84	1.49	4.17	3.81	10.9	8.10	11.4	2.93	1.81	1.13	4.01	1.78	18
19	1.80	1.53	4.13	4.13	11.3	8.42	10.7	2.88	1.78	1.10	4.09	1.71	19
20	1.88	1.51	4.08	4.53	11.5	10.2	10.2	2.44	1.70	1.11	4.12	1.70	20
21	1.88	1.51	4.02	5.20	12.1	11.2	10.1	2.26	1.88	1.13	4.07	1.88	21
22	1.84	1.54	3.91	6.41	12.8	11.4	8.78	2.11	1.84	1.10	4.01	1.88	22
23	1.47	1.80	3.82	7.70	12.8	11.2	8.29	2.01	1.89	1.20	3.96	1.88	23
24	1.43	1.88	3.72	8.78	12.9	11.8	8.80	1.90	1.88	1.33	3.90	1.87	24
25	1.42	1.88	3.86	9.88	13.1	12.1	8.58	1.82	1.88	1.33	3.98	1.87	25
26	1.48	2.08	3.58	11.1	13.3	11.8	8.75	1.84	1.43	1.40	3.81	1.85	26
27	1.57	2.29	3.48	11.8	13.1	11.1	8.63	1.73	1.38	2.00	3.68	1.85	27
28	1.80	2.43	3.48	12.2	13.1	10.5	8.18	1.58	1.30	2.63	3.55	1.88	28
29	1.59		3.50	12.3	13.7	10.0	7.83	1.47	1.27	2.85	3.38	1.84	29
30	1.58		3.58	12.4	14.4	10.9	7.42	1.42	1.24	2.83	3.23	1.83	30
31	1.51		3.55		14.8		7.23	1.38		2.80		1.88	31
TOTAL	50.48	42.84	103.79	175.89	377.18	323.80	313.18	101.50	48.40	43.12	118.85	84.58	TOTAL
MEAN	1.63	1.52	3.35	5.86	12.2	10.8	10.1	3.27	1.55	1.39	3.89	2.08	MEAN
MAX	1.90	2.43	4.21	12.4	14.8	14.9	12.3	8.84	1.81	2.80	4.32	3.00	MAX
MIN	1.42	1.19	2.48	3.84	9.89	8.07	7.23	1.38	1.24	1.09	3.23	1.69	MIN

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 16 50 N
LONG 121 00 10 W
DRAINAGE AREA, 430 km²

REGULATED SINCE 1958

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.82
MAXIMUM DAILY, 14.9 ON JUN 1
MINIMUM DAILY, 1.08 ON OCT 10
MAXIMUM INSTANTANEOUS,
15.0 AT 08:25 PST ON JUN 1

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	4 380	JUL	27 100
FEB	3 680	AUG	8 770
MAR	8 970	SEP	4 010
APR	15 200	OCT	3 730
MAY	32 600	NOV	10 100
JUN	28 000	DEC	5 580

TOTAL DISCHARGE, 152 000 dam³

MCLENNAN RIVER NEAR THE MOUTH - STATION NO. 08KA011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	1.68E	6.60E	43.4	28.4	27.2	11.7	4.55E	10.2	---	1
2	---	---	---	1.57E	8.75E	38.4	24.5	23.1	12.7	4.80E	9.60E	---	2
3	---	---	---	1.68E	7.00E	31.7	25.7	21.3	14.5	4.80E	9.80E	---	3
4	---	---	---	1.61E	7.35E	27.2	30.6	18.5	12.2	5.35E	8.20E	---	4
5	---	---	---	1.63E	7.95E	22.4	25.1	17.3	10.7	5.00E	7.00E	---	5
6	---	---	---	1.84E	8.70E	24.1	24.8	17.3	8.58	4.30E	6.80E	---	6
7	---	---	---	1.67E	7.25E	28.0	25.4	18.6 E	9.28	4.05E	5.80E	---	7
8	---	---	---	1.70E	7.10E	26.5	21.8	20.3	7.25	3.85E	5.45E	---	8
9	---	---	---	1.72E	7.00E	29.4	19.6	21.3	7.06	3.50E	4.95E	---	9
10	---	---	---	1.78E	6.85E	26.4	23.0E	22.7	6.86	3.20E	4.85E	---	10
11	---	---	---	1.79E	6.90E	24.3	35.8	20.2	6.84	3.05E	4.80E	---	11
12	---	---	---	1.84E	7.10E	20.6	36.0	20.2	6.35	3.63	4.80E	---	12
13	---	---	---	1.68E	7.80E	19.9	36.5	17.7	6.18	3.00E	4.45E	---	13
14	---	---	---	1.91E	8.20E	22.5	33.1	22.5	6.84	3.15E	4.35E	---	14
15	---	---	---	1.97E	8.70E	25.5	29.1	18.2	7.23	3.28E	4.38E	---	15
16	---	---	---	2.03E	9.15E	25.2	24.9	15.8	7.43	3.78E	4.40E	---	16
17	---	---	---	2.18E	9.80E	30.6	23.1	14.9	6.84	3.87	4.35E	---	17
18	---	---	---	2.29E	9.55E	27.7	21.8	12.8 E	6.35	3.25	4.00E	---	18
19	---	---	---	2.50E	9.80E	23.2	22.8	10.4	5.60	3.11	3.75E	---	19
20	---	---	---	2.80E	9.00E	22.9	23.3	10.3	5.32	3.85E	3.65E	---	20
21	---	---	---	3.65E	10.2 E	20.6	25.5	9.58	5.38	4.40E	---	---	21
22	---	---	---	4.50E	11.0 E	20.1	21.8	9.40	5.48	5.44	---	---	22
23	---	---	---	5.40E	12.5 E	24.3	21.1	8.88	5.15	4.79	---	---	23
24	---	---	---	5.25E	14.0 E	27.8	22.1	9.33	5.03	4.20E	---	---	24
25	---	---	---	5.60E	17.0 E	24.5	25.5	9.58	5.82E	3.61	---	---	25
26	---	---	---	6.30E	18.9 E	21.5	28.9	10.5	8.18	4.13	---	---	26
27	---	---	---	5.95E	16.8 E	21.1	20.3	11.8	7.85	9.06	---	---	27
28	---	---	---	6.15E	17.2 E	22.5	19.3	12.8	5.44	7.63	---	---	28
29	---		---	5.55E	18.2 E	24.6	18.5	11.6	4.78	8.53	---	---	29
30	---		1.53	6.70E	44.5 E	33.6	18.0	11.7	4.63	17.4	---	---	30
31	---		1.55E		40.0 E		22.4E	11.7		13.5		---	31
TOTAL	---	---	---	93.69	377.35	780.6	778.6	488.47	221.28	160.85	---	---	TOTAL
MEAN	---	---	---	3.12	12.2	26.0	25.1	15.8	7.38	5.19	---	---	MEAN
MAX	---	---	---	6.70	44.5	43.4	36.5	27.2	14.5	17.4	---	---	MAX
MIN	---	---	---	1.53	6.60	19.9	18.0	9.33	4.63	3.00	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 44.5E ON MAY 30

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - MANUAL
LOCATION - LAT 62 57 40 N
LONG 119 27 29 W
DRAINAGE AREA, 534 km²

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	67 300
FEB	---	AUG	42 200
MAR	---	SEP	19 100
APR	8 080	OCT	13 900
MAY	32 500	NOV	---
JUN	67 400	DEC	---

MCLEOD RIVER AT OUTLET OF CARP LAKE - STATION NO. 07EE011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	11.7 E	8.42	6.48E	4.88E	2.03E	---	---	---	1
2	---	---	---	---	11.6 E	8.27	6.42E	4.55E	2.01E	---	---	---	2
3	---	---	---	---	11.5 E	8.08	6.41E	4.37E	2.01E	---	---	---	3
4	---	---	---	---	11.4 E	7.98	6.40E	4.22E	2.00E	---	---	---	4
5	---	---	---	---	11.3 E	7.86	6.40E	4.10E	2.00E	---	---	---	5
6	---	---	---	---	11.2 E	7.74	6.38E	3.97E	2.00E	---	---	---	6
7	---	---	---	---	11.1 E	7.63	6.40E	3.81E	1.99E	---	---	---	7
8	---	---	---	---	10.9 E	7.82	6.45E	3.69E	1.98E	---	---	---	8
9	---	---	---	---	10.7 E	7.88	6.52E	3.55E	1.98E	---	---	---	9
10	---	---	---	---	10.6 E	7.80	6.55E	3.45E	1.98E	---	---	---	10
11	---	---	---	---	10.5 A	7.49	6.57E	3.32E	1.97E	---	---	---	11
12	---	---	---	---	10.4	7.37	6.52E	3.21E	1.95E	---	---	---	12
13	---	---	---	---	10.2	7.35	6.42E	3.10E	1.93E	---	---	---	13
14	---	---	---	---	10.0	7.10	6.40E	3.02E	1.91E	---	---	---	14
15	---	---	---	---	10.0	6.89	6.41E	2.93E	1.90E	---	---	---	15
16	---	---	---	---	10.1	6.82	6.43E	2.83E	1.89E	---	---	---	16
17	---	---	---	---	10.0	6.74	6.46E	2.76E	1.89E	---	---	---	17
18	---	---	---	---	10.0	6.68	6.45E	2.68E	1.88E	---	---	---	18
19	---	---	---	---	10.1	6.64	6.42E	2.62E	1.87E	---	---	---	19
20	---	---	---	---	10.1	6.63	6.30E	2.55E	1.86E	---	---	---	20
21	---	---	---	---	10.1	6.64	6.10E	2.48E	1.86E	---	---	---	21
22	---	---	---	---	10.1	6.69	5.97E	2.42E	1.86E	---	---	---	22
23	---	---	---	---	10.3	6.81A	5.80E	2.38E	1.86E	---	---	---	23
24	---	---	---	---	10.2	6.75E	5.84E	2.31E	1.85E	---	---	---	24
25	---	---	---	---	10.0	6.70E	5.55E	2.27E	1.85E	---	---	---	25
26	---	---	---	---	9.95	6.62E	5.40A	2.22E	1.85E	---	---	---	26
27	---	---	---	---	9.84	6.57E	5.30E	2.18E	1.85A	---	---	---	27
28	---	---	---	---	9.25	6.55E	5.18E	2.12E	1.84E	---	---	---	28
29	---		---	---	8.93	6.52E	5.02E	2.10E	1.84E	---	---	---	29
30	---		---	---	8.84	6.48E	4.85E	2.07E	1.83E	---	---	---	30
31	---		---		8.51		4.80E	2.05E		---		---	31
TOTAL	---	---	---	---	318.02	214.92	188.49	93.89	57.52	---	---	---	TOTAL
MEAN	---	---	---	---	10.3	7.16	6.08	3.03	1.92	---	---	---	MEAN
MAX	---	---	---	---	11.7	8.42	6.57	4.88	2.03	---	---	---	MAX
MIN	---	---	---	---	8.51	6.48	4.80	2.05	1.83	---	---	---	MIN

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 64 48 40 N
LONG 123 19 30 W
DRAINAGE AREA, 497 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	18 300
FEB	---	AUG	8 120
MAR	---	SEP	4 870
APR	---	OCT	---
MAY	27 600	NOV	---
JUN	18 600	DEC	---

MEDICINE CREEK DIVERSION NEAR ASHCROFT - STATION NO. 08LF083

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0B	0B	0B	0 B	0.074E	0.232	0.068	0.037	0.015	0.016	0.017	0B	1
2	0B	0B	0B	0 B	0.078E	0.202	0.092	0.033	0.015	0.017	0.017	0B	2
3	0B	0B	0B	0 B	0.082E	0.195	0.094	0.030	0.018	0.017	0.017	0B	3
4	0B	0B	0B	0 B	0.085E	0.175	0.107	0.027	0.018	0.017	0.017	0B	4
5	0B	0B	0B	0 B	0.090E	0.151	0.085	0.025	0.018	0.017	0.008E	0B	5
6	0B	0B	0B	0 B	0.094E	0.135	0.067	0.022	0.017	0.017	0.001B	0B	6
7	0B	0B	0B	0 B	0.098E	0.123	0.063	0.021	0.018	0.016	0.001B	0B	7
8	0B	0B	0B	0 B	0.100E	0.105	0.065	0.021	0.018	0.016	0.001B	0B	8
9	0B	0B	0B	0 B	0.104E	0.095	0.118	0.020	0.017	0.016	0.001B	0B	9
10	0B	0B	0B	0 B	0.108E	0.091	0.094	0.024	0.019	0.015	0.001B	0B	10
11	0B	0B	0B	0 B	0.118A	0.088	0.085	0.025	0.020	0.015	0.001B	0B	11
12	0B	0B	0B	0 B	0.135	0.090	0.080	0.024	0.020	0.015	0.001B	0B	12
13	0B	0B	0B	0 B	0.152	0.085	0.075	0.021	0.019	0.015	0.001B	0B	13
14	0B	0B	0B	0 B	0.155	0.081	0.072	0.020	0.017	0.015	0.001B	0B	14
15	0B	0B	0B	0 B	0.150	0.082	0.079	0.019	0.018	0.016	0.001B	0B	15
16	0B	0B	0B	0 B	0.188	0.077	0.113	0.018	0.018	0.015	0.001B	0B	16
17	0B	0B	0B	0 B	0.238	0.074	0.093	0.017	0.018	0.015	0.001B	0B	17
18	0B	0B	0B	0 B	0.258	0.070	0.082	0.018	0.018	0.015	0.001B	0B	18
19	0B	0B	0B	0.010B	0.282	0.086	0.075	0.018	0.018	0.015	0.001B	0B	19
20	0B	0B	0B	0.018B	0.351	0.072	0.073	0.015	0.018	0.015	0.001B	0B	20
21	0B	0B	0B	0.020B	0.409	0.080	0.071	0.014	0.022	0.015	0.001B	0B	21
22	0B	0B	0B	0.023B	0.411	0.073	0.064	0.014	0.023	0.015	0.001B	0B	22
23	0B	0B	0B	0.027B	0.401	0.074	0.059	0.013	0.021	0.014	0.001B	0B	23
24	0B	0B	0B	0.030B	0.405	0.080	0.054	0.013	0.020	0.014	0.001B	0B	24
25	0B	0B	0B	0.035B	0.384	0.078	0.065	0.013	0.019	0.014	0.001B	0B	25
26	0B	0B	0B	0.040B	0.347	0.071	0.076	0.012	0.018	0.015	0.001B	0B	26
27	0B	0B	0B	0.045B	0.333	0.068	0.085	0.012	0.018	0.018	0.001B	0B	27
28	0B	0B	0B	0.050B	0.326	0.064	0.058	0.012	0.018	0.017	0.001B	0B	28
29	0B		0B	0.060B	0.310	0.073	0.053	0.012	0.017	0.017	0.001B	0B	29
30	0B		0B	0.070B	0.281	0.074	0.047	0.012	0.017	0.016	0.001B	0B	30
31	0B		0B		0.255		0.041	0.011		0.017		0B	31
TOTAL	0	0	0	0.425	8.821	3.028	2.404	0.588	0.552	0.487	0.101	0	TOTAL
MEAN	0	0	0	0.014	0.220	0.101	0.078	0.019	0.018	0.016	0.003	0	MEAN
MAX	0	0	0	0.070	0.411	0.232	0.118	0.037	0.023	0.018	0.017	0	MAX
MIN	0	0	0	0	0.074	0.064	0.041	0.011	0.015	0.014	0.001	0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.038
MAXIMUM DAILY, 0.411 ON MAY 22
MINIMUM DAILY, 0B ON JAN 1
MAXIMUM INSTANTANEOUS,
0.454 AT 21:18 PST ON MAY 22

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 45 00 N
LONG 121 28 27 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	0	JUL	208
FEB	0	AUG	50.9
MAR	0	SEP	47.7
APR	38.8	OCT	42.1
MAY	589	NOV	8.73
JUN	282	DEC	0

TOTAL DISCHARGE, 1 250 dam³

MEDICINE CREEK NEAR THE MOUTH - STATION NO. 08LF082

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.010B	0.012B	0.016B	0.015	0.069	0.020	0.016	0.013	---	---	0.011	0.007B	1
2	0.010B	0.012B	0.016B	0.015	0.071	0.021	0.023	0.013	---	---	0.012	0.007B	2
3	0.010B	0.012B	0.016B	0.016	0.069	0.020	0.018	0.013	---	---	0.012	0.007B	3
4	0.010B	0.013B	0.017B	0.016	0.067	0.020	0.017	0.013	---	---	0.010	0.007B	4
5	0.011B	0.013B	0.017B	0.016	0.064	0.019	0.016	0.013	---	0.007A	0.007	0.007B	5
6	0.011B	0.014B	0.016B	0.017	0.060	0.018	0.016	0.012	---	---	0.010	0.007B	6
7	0.011B	0.014B	0.016B	0.017	0.057	0.018	0.015	0.012	---	---	0.009	0.007B	7
8	0.011B	0.014B	0.015B	0.016	0.058	0.017	0.015	0.012	---	---	0.007	0.007B	8
9	0.011B	0.013B	0.015B	0.016	0.057	0.017	0.016	0.012	---	---	0.008	0.007B	9
10	0.011B	0.013B	0.014B	0.016	0.072	0.017	0.016	0.014	---	---	0.009	0.007B	10
11	0.012B	0.013B	0.014B	0.016	0.057	0.017	0.015	0.016	---	---	0.009	0.007B	11
12	0.012B	0.013B	0.015E	0.015	0.056	0.017	0.015	0.015	---	---	0.009	0.007B	12
13	0.012B	0.013B	0.015E	0.016	0.060	0.017	0.015	0.014	---	---	0.010	0.007B	13
14	0.012B	0.014B	0.016E	0.016	0.054	0.017	0.014	0.013	---	---	0.010	0.007B	14
15	0.012B	0.014B	0.016E	0.017	0.051	0.017	0.016	0.013	---	---	0.010	0.007B	15
16	0.013B	0.014B	0.016E	0.017	0.048	0.015	0.017	0.013	---	---	0.011	0.007B	16
17	0.013B	0.015B	0.016E	0.018	0.047	0.016	0.018	0.013	---	---	0.011	0.007B	17
18	0.013B	0.015B	0.015E	0.023A	0.052	0.016	0.015	0.013	---	---	0.011	0.007B	18
19	0.013B	0.015B	0.015E	0.030E	0.048	0.015	0.015	0.012	---	---	0.009	0.007B	19
20	0.013B	0.016B	0.015E	0.040E	0.045	0.016	0.015	0.012	---	---	0.008B	0.007B	20
21	0.012B	0.017B	0.015E	0.050E	0.044	0.017	0.015	0.012	---	---	0.008B	0.007B	21
22	0.012B	0.017B	0.015E	0.060E	0.039	0.016	0.014	0.012	---	---	0.008B	0.007B	22
23	0.012B	0.017B	0.015E	0.080E	0.038	0.017	0.014	0.012	---	---	0.008B	0.007B	23
24	0.012B	0.016B	0.015E	0.100E	0.034	0.018	0.014	0.012	---	---	0.008B	0.007B	24
25	0.012B	0.016B	0.015E	0.110E	0.030	0.017	0.018	0.012	---	---	0.008B	0.007B	25
26	0.011B	0.016B	0.015E	0.100E	0.028	0.017	0.018	0.012	---	---	0.007B	0.008B	26
27	0.011B	0.016B	0.015E	0.090A	0.026	0.017	0.018	0.012	---	0.015A	0.007B	0.008B	27
28	0.011B	0.016B	0.015E	0.085	0.025	0.016	0.015	0.012	---	0.011	0.007B	0.008B	28
29	0.011B		0.015E	0.077	0.023	0.017	0.015	0.012	---	0.009	0.007B	0.008B	29
30	0.012B		0.015A	0.073	0.022	0.016	0.014	0.012	---	0.012	0.007B	0.008B	30
31	0.012B		0.015		0.021		0.013	0.012		0.012		0.008B	31
TOTAL	0.359	0.414	0.487	1.194	1.520	0.519	0.486	0.393	---	---	0.288	0.233	TOTAL
MEAN	0.012	0.015	0.016	0.040	0.049	0.017	0.016	0.013	---	---	0.009	0.007	MEAN
MAX	0.013	0.018	0.018	0.110	0.072	0.021	0.023	0.016	---	---	0.012	0.008	MAX
MIN	0.010	0.012	0.014	0.015	0.021	0.015	0.013	0.012	---	---	0.007	0.007	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 0.110E ON APR 25
MINIMUM DAILY, 0.007A ON OCT 5
MAXIMUM INSTANTANEOUS,
0.113 IN APR

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 45 33 N
LONG 121 33 22 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	31.0	JUL	42.0
FEB	36.6	AUG	34.0
MAR	42.1	SEP	---
APR	103	OCT	---
MAY	131	NOV	23.2
JUN	44.8	DEC	19.3

MERCANTILE CREEK NEAR UCLUELET - STATION NO. 08HB084

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.295	0.220	1.87	0.403	0.324	0.242	1.83	---	1
2	---	---	---	---	0.291	0.220	0.881	2.90	0.304	0.245	10.5	---	2
3	---	---	---	---	0.290	0.213	0.472	0.753	0.337	0.380	5.94	---	3
4	---	---	---	---	0.282	0.205	0.574	0.505	0.303	0.324	2.00A	---	4
5	---	---	---	---	0.278	0.263	0.498	0.423	0.280	0.269	---	---	5
6	---	---	---	---	0.376	0.221	0.408	0.350	1.08	0.259	---	---	6
7	---	---	---	---	2.60	0.207	0.375	0.355	0.447	0.256	---	---	7
8	---	---	---	---	0.976	0.205	0.339	0.345	0.353	0.254	---	---	8
9	---	---	---	---	0.512	3.18	0.323	0.331	0.335	0.251	---	---	9
10	---	---	---	---	0.403	1.77	2.35	0.320	1.15	0.241	---	---	10
11	---	---	---	---	0.353	1.40	13.8	0.313	0.612	0.239	---	---	11
12	---	---	---	---	0.331	0.898	3.14	0.302	0.412	0.236	---	---	12
13	---	---	---	---	0.312	0.430	3.37	0.287	0.358	0.231	---	---	13
14	---	---	---	---	0.370	0.557	1.48	0.275	0.328	0.225	---	---	14
15	---	---	---	---	0.372	1.83	0.804	0.271	0.308	0.224	---	---	15
16	---	---	---	---	0.327	0.592	0.601	0.263	0.310	0.255	---	---	16
17	---	---	---	---	0.384	2.29	0.490	0.256	0.327	0.381	---	---	17
18	---	---	---	---	0.378	1.37	0.442	0.248	0.894	0.284	---	---	18
19	---	---	---	---	0.313	0.788	0.418	0.237	0.378	0.840	---	---	19
20	---	---	---	---	0.297	0.493	0.422	0.231	0.319	1.29	---	---	20
21	---	---	---	---	0.285	0.423	0.532	0.228	0.293	20.3	---	---	21
22	---	---	---	---	0.273	0.387	0.398	0.221	0.278	2.72	---	---	22
23	---	---	---	---	0.262	0.845	0.369	0.217	0.269	0.885	---	---	23
24	---	---	---	---	0.256	0.553	0.331	0.219	0.261	0.756	---	---	24
25	---	---	---	---	0.250	0.880	0.318	0.218	0.254	1.55	---	---	25
26	---	---	---	---	0.246	0.609	3.46	0.210	0.817	4.88	---	---	26
27	---	---	---	---	0.235	0.435	9.54	0.204	0.351	2.17	---	---	27
28	---	---	---	---	0.236	0.388	1.10	3.85	0.280	0.906	---	---	28
29	---		---	0.314A	0.222	0.435	0.841	0.888	0.263	0.781	---	---	29
30	---		---	0.300	0.222	0.410	0.497	0.571	0.250	6.85	---	---	30
31	---		---		0.222		0.436	0.366		1.24		---	31
TOTAL	---	---	---	---	12.409	22.276	50.685	16.588	12.273	50.006	---	---	TOTAL
MEAN	---	---	---	---	0.400	0.743	1.64	0.535	0.409	1.61	---	---	MEAN
MAX	---	---	---	---	2.60	3.18	13.8	3.85	1.15	20.3	---	---	MAX
MIN	---	---	---	---	0.222	0.205	0.318	0.204	0.250	0.224	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 0.204 ON AUG 27

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 57 30 N
LONG 125 31 24 W
DRAINAGE AREA, 10.4 km²
A - MANUAL GAUGE

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	4 380
FEB	---	AUG	1 430
MAR	---	SEP	1 060
APR	---	OCT	4 320
MAY	1 070	NOV	---
JUN	1 920	DEC	---

MESILINKA RIVER ABOVE GOPHERHOLE CREEK - STATION NO. 07EC003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	11.0 B	9.30B	8.20B	9.00B	30.2	274	139	77.9E	40.3	38.2A	19.6	12.8 B	1
2	11.0 B	9.15B	8.20B	8.90B	32.0	317	147	73.1A	38.8	36.5E	19.4	12.6 B	2
3	10.8 B	9.05B	8.20B	8.80B	33.7	305	149	70.8	37.6	34.9E	20.1	12.3 B	3
4	10.9 B	9.00B	8.20B	8.65B	33.5	256	143	66.2	37.6	32.1E	19.8	12.1 B	4
5	10.8 B	8.95B	8.20B	8.50B	33.4	202	144	63.7	37.6	30.8E	19.3	11.7 B	5
6	10.8 B	8.90B	8.20B	8.45B	33.5	185	132	60.4	37.2	30.1E	18.3	11.5 B	6
7	10.8 B	8.85B	8.20B	8.45B	35.2	143	145	57.6	37.2	29.9E	18.6	11.3 B	7
8	10.8 B	8.85B	8.20B	8.50B	37.5	130	164	55.3	38.0	29.0E	18.5B	10.9 B	8
9	10.8 B	8.85B	8.20B	8.65B	38.3	136	152	53.1	37.1	28.0E	18.4B	10.5 B	9
10	10.8 B	8.85B	8.20B	8.90B	38.2	155	135	50.9	35.3	26.9E	17.8B	10.2 B	10
11	10.8 B	8.85B	8.15B	9.20B	38.8	170	128	50.9	33.8	25.6E	17.5B	10 1 B	11
12	10.8 B	8.85B	8.12B	9.70B	40.2	185	120	51.3	32.9	24.8E	17.3B	10 0 B	12
13	10.8 B	8.85B	8.10B	9.80B	43.2	180	111	49.5	32.6	24.1E	17.2B	9.90B	13
14	10.8 B	8.85B	8.07B	10 0 B	47.2	162	104 E	47.8	32.8	23.3E	17.0B	9.70B	14
15	10.7 B	8.80B	8.05B	10.2 B	52.2	142	97.9E	46.8	32.9	22.8E	16.8B	9.55B	15
16	10.5 B	8.75B	8.03B	10.7 B	58.0	148	93.0E	45.8	32.8	22.2E	16.6B	9.35B	16
17	10.5 B	8.75B	8.00B	10 9	67.2	145	88.0E	47.4	32.5	21.9E	16.4B	9.10B	17
18	10.4 B	8.85B	7.95B	11 4	70.3	130	83.5E	53.1	31.7	21.4E	16.2B	8.75B	18
19	10.3 B	8.80B	7.80B	11 6	66.8	133	80.5E	54.7	31.2	21.0E	16.0B	8.50B	19
20	10.2 B	8.80B	7.75B	11 6	72.6	156	77.0E	53.6	30.8	20.8E	15.2B	8.45B	20
21	10.2 B	8.45B	7.60B	13 5	83.0	157	87.5E	53.2	31.4	20.7E	14.2B	8.35B	21
22	10.2 B	8.35B	7.85B	13.6	87.7	153	105 E	50.8	31.6	20.5E	13.8B	8.25B	22
23	10.2 B	8.35B	8.10B	13.8	92.4	143	93.0E	48.6	31.0	21.0E	13.7B	8.10B	23
24	10.1 B	8.30B	8.35B	15.0	92.5	137	87.0E	51.9	30.8	21.8E	13.8B	8.02B	24
25	10 1 B	8.25B	8.55B	16.1	93.3	137	82.5E	48.9	30.4	22.1E	13.5B	8.00B	25
26	10.0 B	8.20B	8.75B	17.3	93.5	136	83.5E	46.9	33.3	23.2A	13.4B	7.95B	26
27	9.90B	8.20B	9.00B	18.8	88.5	131	93.0E	45.3	42.7	21.2	13.3B	7.90B	27
28	9.80B	8.20B	9.05B	22.1	87.3	116	105 E	44.0	43.7	20.3	13.2B	7.85B	28
29	9.70B		9.10B	26.7	105	105	98.0E	43.0	41.3	20.6	13.1B	7.80B	29
30	9.50B		9.10B	28.5	157	105	89.0E	42.5	39.0	21.0	13.0B	7.80B	30
31	9.40B		9.05B		223		82.5E	41.5		20.9		7.75B	31
TOTAL	323.70	243.55	265.63	376.50	2 110.2	4 909	3 427.5	1 690.6	1 055.7	776.8	490.8	297.07	TOTAL
MEAN	10.4	8.70	8.28	12.5	68.1	164	111	54.2	35.2	25.1	16.4	9.58	MEAN
MAX	11.0	9.30	9.10	28.5	223	317	164	77.9	43.7	36.2	20.1	12.8	MAX
MIN	9.40	8.20	7.75	8.45	30.2	105	77.0	41.5	30.4	20.3	13.0	7.75	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 43.7
MAXIMUM DAILY, 317 ON JUN 2
MINIMUM DAILY, 7.75B ON MAR 20
MAXIMUM INSTANTANEOUS,
328 AT 20:10 PST ON JUN 2

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 14 36 N
LONG 124 36 36 W
DRAINAGE AREA, 2 980 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	28 000	JUL	298 000
FEB	21 000	AUG	145 000
MAR	22 200	SEP	91 200
APR	32 500	OCT	67 100
MAY	182 000	NOV	42 400
JUN	424 000	DEC	25 700

TOTAL DISCHARGE, 1 380 000 dam³

MICHEL CREEK BELOW NATAL - STATION NO. 08NK020

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.838	1.918	2.12	2.37	11.4	54.2	11.0	5.58	2.97	2.66	3.17	1.908	1
2	1.788	1.918	1.94	2.40	13.2	53.5	11.5	5.38	3.07	2.57	3.12	1.908	2
3	1.818	1.968	2.07	2.46	14.3	52.5	12.6	5.38	2.97	2.57	3.22	2.008	3
4	1.838	1.808	1.92	2.29	16.9	48.1	12.1	5.35	2.87	2.55	22.1	1.958	4
5	1.948	1.718	1.79	2.42	15.4	44.3	10.4	5.32	3.22	2.55	10.5	1.958	5
6	1.988	1.668	2.07	2.70	20.0	43.7	10.4	5.15	2.94	2.55	8.05	1.908	6
7	2.108	1.708	1.94	3.12	21.6	43.3	10.3	5.07	2.72	2.53	7.01	1.908	7
8	2.248	1.708	1.86	2.84	22.7	45.6	10.4	5.01	2.70	2.53	5.85	1.988	8
9	2.248	1.728	2.14	2.82	20.2	42.4	13.1	4.93	2.70	2.50	5.35	2.148	9
10	2.328	1.808	2.86	2.74	16.2	39.4	10.2	4.87	2.70	2.48	5.32	2.108	10
11	2.328	1.898	3.24	2.72	16.0	31.7	10.2	4.56	2.70	2.42	5.18	2.118	11
12	2.548	2.008	3.04	2.70	17.5	29.9	10.1	4.44	2.68	2.31	4.81	2.088	12
13	2.528	2.068	2.94	2.88	19.0	24.5	38.2	4.24	2.68	2.29	4.02	2.108	13
14	2.408	2.038	2.72	2.88	21.6	24.3	36.7	4.13	2.86	2.29	4.24	2.048	14
15	2.308	2.008	2.70	3.19	22.8	23.8	32.5	3.96	2.83	2.27	4.07	1.928	15
16	2.238	1.858	2.70	3.41	24.2	21.8	30.9	3.86	2.83	2.24	4.05	1.888	16
17	2.278	1.958	2.44	3.71	27.1	18.2	17.8	3.81	2.83	2.24	4.07	1.908	17
18	2.278	1.948	2.14	5.51	31.8	17.0	15.5	3.71	2.72	2.27	4.07	1.908	18
19	2.268	1.888	2.27	6.87	36.3	16.0	13.8	3.84	2.86	2.27	3.89	1.838	19
20	2.118	1.868	2.29	9.06	42.3	15.1	13.1	3.81	2.87	2.24	3.81	1.858	20
21	2.138	1.90	2.31	11.5	47.7	14.2	12.1	3.68	2.90	2.24	3.09	1.908	21
22	2.188	1.88	2.33	16.8	51.3	13.6	10.3	3.41	2.68	2.55	3.02	1.908	22
23	2.078	1.73	2.22	19.7	55.0	13.2	9.74	3.46	2.68	1.50	3.028	1.938	23
24	1.938	2.14	2.18	23.2	59.9	14.5	9.55	3.84	2.62	2.37	2.978	1.908	24
25	1.818	2.20	2.20	26.6	76.2	14.1	9.40	3.81	2.37	2.35	3.008	1.828	25
26	1.938	2.18	2.22	22.3	96.9	13.7	8.82	3.68	2.37	2.44	3.088	1.588	26
27	2.008	2.14	2.27	17.2	98.5	13.6	7.85	3.46	2.72	2.37	3.088	1.558	27
28	2.108	1.94	2.28	14.3	86.2	13.2	7.04	3.44	2.74	2.33	2.808	1.518	28
29	2.048		2.27	13.3	83.8	12.8	6.58	3.29	2.70	2.31	2.408	1.488	29
30	1.938		2.48	11.9	81.5	12.2	6.28	3.17	2.66	2.29	2.008	1.518	30
31	1.908		2.37		88.3		5.71	2.99		2.40		1.548	31
TOTAL	65.39	53.46	72.13	259.41	1 242.8	824.4	421.97	128.19	80.86	74.48	145.23	54.97	TOTAL
MEAN	2.11	1.91	2.33	8.51	40.1	27.5	13.6	4.17	2.70	2.40	4.84	1.77	MEAN
MAX	2.54	2.20	3.24	36.6	98.5	54.2	38.2	5.58	3.22	2.66	22.1	2.14	MAX
MIN	1.78	1.66	1.79	2.29	11.4	12.2	5.71	2.99	2.37	2.24	2.00	1.48	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 9.37
MAXIMUM DAILY, 98.5 ON MAY 27
MINIMUM DAILY, 1.488 ON DEC 29

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 43 49 N
LONG 114 51 24 W
DRAINAGE AREA, 837 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	5 650	JUL	36 380
FEB	4 620	AUG	11 200
MAR	6 230	SEP	6 990
APR	22 100	OCT	6 440
MAY	107 000	NOV	12 500
JUN	71 200	DEC	4 750

TOTAL DISCHARGE, 295 000 dam³

MILLAR CREEK NEAR OUTLET OF ALPHA LAKE - STATION NO. 08GA067

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	1.07	2.86	4.87	1.95	1.06	0.486	---	---	---	1
2	---	---	---	1.11	2.82	4.04	2.06	1.01	0.580	---	---	---	2
3	---	---	---	1.10	2.47	3.24	2.06	1.12	0.588	---	---	---	3
4	---	---	---	1.09	2.33	2.87	1.78	0.930	0.588	---	---	---	4
5	---	---	---	1.10	2.24	2.65	1.86	0.750	0.598	---	---	---	5
6	---	---	---	1.15	2.51	2.33	1.84	0.675	0.488	---	---	---	6
7	---	---	---	1.27	2.56	2.42	1.47	0.684	0.496	---	---	---	7
8	---	---	---	1.26	2.31	2.83	1.26	0.634	0.468	---	---	---	8
9	---	---	---	1.07	1.86	3.18	1.23	0.588	0.418	---	---	---	9
10	---	---	---	1.04	1.57	4.19	1.51	0.582	0.412	---	---	---	10
11	---	---	---	0.930	1.45	2.93	4.44	0.870	0.538	---	---	---	11
12	---	---	---	0.840	1.68	2.13	6.20	0.853	0.574	---	---	---	12
13	---	---	---	0.750	1.78	1.93	5.28	0.588	0.484	---	---	---	13
14	---	---	---	0.888	2.15	1.98	3.74	0.569	0.424	---	---	---	14
15	---	---	---	0.785	1.89	3.21	2.70	0.564	0.394	---	---	---	15
16	---	---	---	1.12	2.13	2.65	2.10	0.508	0.486	---	---	---	16
17	---	---	---	1.11	2.17	4.27	2.21	0.472	0.486	0.140	---	---	17
18	---	---	---	1.46	2.00	4.22	2.05	0.460	0.508	---	---	---	18
19	---	---	---	1.91	2.20	3.15	1.78	0.424	0.490	---	---	---	19
20	---	---	---	2.96	2.75	2.05	2.20	0.408	0.480	---	---	---	20
21	---	---	---	2.66	2.80	1.78	2.14	0.388	0.442	---	---	---	21
22	---	---	---	2.34	3.50	1.76	1.68	0.354	0.424	---	---	---	22
23	---	---	---	2.52	3.42	1.93	1.60	0.266	0.418	---	---	---	23
24	---	---	---	2.85	3.91	2.86	1.42	0.342	0.400	---	---	---	24
25	---	---	---	3.26	4.26	2.87	1.26	0.342	0.403	---	---	---	25
26	---	---	---	2.90	3.86	1.92	1.22	0.338	0.430	---	---	---	26
27	---	---	---	2.51	3.48	2.05	1.36	0.370	0.438	---	---	---	27
28	---	---	---	2.40	4.31	2.12	1.46	0.380	0.486	---	---	---	28
29	---		0.986	2.02	4.98	2.06	1.22	0.360	0.480	---	---	---	29
30	---		---	2.96	7.06	2.06	1.13	0.370	0.478	---	---	---	30
31	---		---		5.88		1.12	0.362		---		---	31
TOTAL	---	---	---	50.353	91.03	82.21	84.98	17.373	14.289	---	---	---	TOTAL
MEAN	---	---	---	1.68	2.94	2.74	2.10	0.580	0.478	---	---	---	MEAN
MAX	---	---	---	3.26	7.06	4.87	6.20	1.12	0.598	---	---	---	MAX
MIN	---	---	---	0.666	1.45	1.76	1.12	0.266	0.394	---	---	---	MIN

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - MANUAL
LOCATION - LAT 50 05 43 N
LONG 133 02 32 W

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	5 610
FEB	---	AUG	1 500
MAR	---	SEP	1 230
APR	4 350	OCT	---
MAY	7 850	NOV	---
JUN	7 100	DEC	---

MILLER CREEK AT HIGHWAY NO. 93 - STATION NO. 08NG082

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0	0	0	0	0.034	0.286	0.105	0.078	0.015	0.003E	0.001E	0	1
2	0	0	0	0	0.033	0.275	0.111	0.076	0.017	0.004E	0.001E	0	2
3	0	0	0	0	0.027	0.260	0.119	0.076	0.015	0.004	0.001	0	3
4	0	0	0	0	0.024	0.257	0.156	0.078	0.013	0.004E	0.002E	0	4
5	0	0	0	0	0.034	0.241	0.146	0.078	0.014	0.007E	0.002E	0	5
6	0	0	0	0	0.030	0.235	0.133	0.080	0.015	0.007	0.004E	0	6
7	0	0	0	0	0.032	0.238	0.127	0.078	0.014	0.007E	0.005	0	7
8	0	0	0	0	0.038	0.238	0.121	0.068	0.014	0.005E	0.005E	0	8
9	0	0	0	0	0.035	0.229	0.117	0.036	0.013	0.005E	0.005E	0	9
10	0	0	0	0	0.034	0.217	0.105	0.032	0.012	0.005	0.005	0	10
11	0	0	0	0	0.034	0.196	0.099	0.034	0.012	0.005E	0.005E	0	11
12	0	0	0	0	0.035	0.185	0.095	0.032	0.012	0.005E	0.005E	0	12
13	0	0	0	0	0.034	0.183	0.102	0.034	0.011	0.006	0.005E	0	13
14	0	0	0	0	0.035	0.156	0.101	0.029	0.011	0.005E	0.005	0	14
15	0	0	0	0	0.037	0.142	0.108	0.024	0.010	0.005E	0.004E	0	15
16	0	0	0	0	0.039	0.143	0.122	0.027	0.009	0.004E	0.003E	0	16
17	0	0	0	0	0.045	0.142	0.126	0.024	0.008	0.003	0.003	0	17
18	0	0	0	0	0.039	0.145	0.113	0.024	0.009	0.004E	0.003E	0	18
19	0	0	0	0	0.037	0.139	0.107	0.021	0.015	0.004F	0.002E	0	19
20	0	0	0	0	0.048	0.177	0.135	0.021	0.015	0.004	0.002E	0	20
21	0	0	0	0	0.088	0.132	0.127	0.021	0.017	0.004E	0.002	0	21
22	0	0	0	0.017	0.070	0.129	0.116	0.010	0.016	0.004E	0.002E	0	22
23	0	0	0	0.018	0.087	0.111	0.103	0.018	0.015	0.004E	0.003E	0	23
24	0	0	0	0.078	0.102	0.115	0.092	0.018	0.015	0.004	0.003	0	24
25	0	0	0	0.102	0.148	0.109	0.082	0.018	0.013	0.003E	0.003	0	25
26	0	0	0	0.084	0.210	0.105	0.090	0.018	0.012	0.003E	0.002E	0	26
27	0	0	0	0.082	0.271	0.101	0.088	0.017	0.008	0.002	0.002E	0	27
28	0	0	0	0.045	0.282	0.097	0.086	0.016	0.003	0.001	0.002	0	28
29	0		0	0.038	0.308	0.099	0.084	0.017	0.001	0.001E	0.001E	0	29
30	0		0	0.035	0.347	0.193	0.082	0.018	0.001	0.001E	0.001E	0	30
31	0		0		0.328		0.080	0.018		0.001		0	31
TOTAL	0	0	0	0.479	2.912	5.125	3.401	1.124	0.357	0.131	0.090	0	TOTAL
MEAN	0	0	0	0.016	0.094	0.171	0.110	0.036	0.012	0.004	0.003	0	MEAN
MAX	0	0	0	0.102	0.347	0.288	0.156	0.080	0.019	0.007	0.005	0	MAX
MIN	0	0	0	0	0.024	0.097	0.080	0.018	0.001	0.001	0.001	0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.037
MAXIMUM DAILY, 0.347 ON MAY 30
MINIMUM DAILY, 0 ON JAN 1

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 03 10 N
LONG 115 03 47 W

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	0	JUL	284
FEB	0	AUG	97.1
MAR	0	SEP	30.8
APR	41.4	OCT	11.3
MAY	252	NOV	7.78
JUN	443	DEC	0

TOTAL DISCHARGE, 1 180 dam³

MILLER CREEK NEAR 1180 m CONTOUR - STATION NO. 08NG083

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.017	0.012	0.009	0.009	0.070	0.291	0.145	0.085	0.084	0.039	0.034	0.023E	1
2	0.017	0.012	0.011	0.009	0.070	0.270	0.148	0.087	0.085	0.037	0.037	0.022E	2
3	0.017	0.012	0.011	0.009	0.070	0.286	0.176	0.086	0.083	0.038	0.033	0.021E	3
4	0.016	0.010	0.010	0.008	0.070	0.262	0.172	0.087	0.081	0.036	0.039	0.020E	4
5	0.017	0.010	0.009	0.008	0.074	0.256	0.183	0.086	0.082	0.036	0.038	0.019E	5
6	0.015	0.010	0.009	0.008	0.085	0.247	0.158	0.084	0.083	0.037	0.038	0.018E	6
7	0.016	0.011	0.009	0.010	0.088	0.251	0.152	0.083	0.057	0.036	0.034	0.017E	7
8	0.018	0.011	0.009	0.010	0.086	0.253	0.150	0.081	0.056	0.032	0.033	0.017E	8
9	0.018	0.011	0.010	0.010	0.080	0.254	0.138	0.089	0.055	0.032	0.031	0.017E	9
10	0.015	0.010	0.012	0.010	0.073	0.247	0.132	0.091	0.053	0.033	0.029	0.018E	10
11	0.014	0.010	0.012	0.008	0.072	0.231	0.128	0.089	0.052	0.034	0.033	0.018E	11
12	0.015	0.010	0.011	0.008	0.071	0.213	0.125	0.081	0.052	0.034	0.029	0.018E	12
13	0.015	0.010	0.011	0.008	0.072	0.196	0.127	0.087	0.050	0.035	0.028	0.019E	13
14	0.014	0.010	0.010	0.008	0.077	0.185	0.141	0.083	0.049	0.034	0.026	0.019E	14
15	0.014	0.010	0.010	0.010	0.078	0.191	0.138	0.082	0.047	0.034	0.026	0.019E	15
16	0.014	0.010	0.010	0.011	0.079	0.184	0.148	0.080	0.048	0.033	0.025	0.018A	16
17	0.014	0.010	0.010	0.012	0.080	0.180	0.145	0.078	0.049	0.034	0.024	0.018	17
18	0.014	0.010	0.008	0.018	0.085	0.176	0.139	0.077	0.048	0.035	0.025	0.018	18
19	0.014	0.009	0.008	0.028	0.085	0.164	0.138	0.076	0.048	0.033	0.024	0.018	19
20	0.014	0.008	0.008	0.036	0.090	0.155	0.142	0.072	0.048	0.030	0.024	0.018	20
21	0.013	0.010	0.008	0.048	0.110	0.150	0.140	0.072	0.045	0.030	0.022	0.017	21
22	0.013	0.010	0.008	0.063	0.127	0.148	0.134	0.068	0.045	0.033	0.021	0.016	22
23	0.013	0.010	0.008	0.077	0.148	0.148	0.131	0.072	0.044	0.035	0.024	0.016E	23
24	0.013	0.010	0.008	0.123	0.174	0.155	0.128	0.073	0.041	0.031	0.024	0.016E	24
25	0.013	0.010	0.008	0.143A	0.203	0.142	0.125	0.071	0.042	0.027	0.025A	0.016E	25
26	0.013	0.010	0.008	0.113	0.239	0.138	0.122	0.070	0.040	0.029	0.025E	0.016E	26
27	0.014	0.010	0.008	0.083	0.280	0.134	0.118	0.068	0.041	0.028	0.025E	0.016E	27
28	0.014	0.009	0.008	0.061	0.282	0.131	0.115	0.068	0.042	0.028	0.024E	0.016E	28
29	0.013		0.008	0.072	0.310	0.138	0.111	0.067	0.041	0.026	0.024E	0.016E	29
30	0.012		0.008	0.070	0.388	0.152	0.107	0.065	0.038	0.027	0.024E	0.016E	30
31	0.012		0.008		0.338		0.104	0.065		0.029		0.016E	31
TOTAL	0.450	0.286	0.283	1.120	4.137	5.902	4.239	2.530	1.500	1.013	0.848	0.552	TOTAL
MEAN	0.015	0.010	0.009	0.037	0.133	0.197	0.137	0.082	0.050	0.033	0.028	0.018	MEAN
MAX	0.018	0.012	0.012	0.143	0.388	0.291	0.176	0.088	0.085	0.039	0.039	0.023	MAX
MIN	0.012	0.008	0.008	0.008	0.070	0.131	0.104	0.065	0.038	0.026	0.021	0.016	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.063
MAXIMUM DAILY, 0.388 ON MAY 30
MINIMUM DAILY, 0.008 ON MAR 18
MAXIMUM INSTANTANEOUS,
0.394 AT 03:27 MST ON MAY 30

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 03 24 N
LONG 115 02 40 W
DRAINAGE AREA, 6.99 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	38.8	JUL	366
FEB	24.7	AUG	219
MAR	25.3	SEP	130
APR	96.8	OCT	87.5
MAY	367	NOV	73.3
JUN	510	DEC	47.7

TOTAL DISCHARGE, 1 980 dam³

MISSION CREEK NEAR EAST KELOWNA - STATION NO. 08NM116

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.858	2.24	2.61	4.26	23.3	49.8	9.55	3.22	3.77	1.53	3.91	0.830A	1
2	1.928	2.23	2.70	4.31	24.4	42.4	13.1	3.46	7.60	1.54	4.02	0.7508	2
3	1.968	1.98	2.71	4.19	24.1	34.8	15.8	3.42	5.92	1.51	4.42	0.7908	3
4	2.018	1.728	2.85	4.14	21.2	27.6	11.5	3.23	5.40	1.50	5.10	0.7808	4
5	2.048	1.638	2.75	4.20	22.7	24.1	8.90	2.54	7.73	1.58	4.34	0.7808	5
6	2.008	1.578	2.76	4.40	26.4	21.9	8.08	2.57	5.86	1.54	3.74	0.7458	6
7	2.068	1.648	2.17	5.06	28.5	23.8	8.29	2.54	4.70	1.48	3.38	0.7408	7
8	2.128	1.728	2.84	5.28	26.0	23.9	8.39	2.43	4.03	1.42	3.19	0.7508	8
9	2.108	1.828	3.40	5.09	22.1	24.5	14.4	2.61	3.95	1.38	2.89	0.7858	9
10	2.138	1.928	5.21	4.95	20.1	22.6	9.73	3.13	3.40	1.38	2.79	0.8358	10
11	2.178	2.24	5.02	4.86	19.3	19.7	8.55	7.71	5.16	1.23	2.89	0.9008	11
12	2.078	2.38	5.38	4.47	19.6	18.0	10.1	8.15	4.78	1.30	2.86	0.8508	12
13	2.138	2.44	4.98	4.33	21.4	14.3	13.8	6.14	3.81	1.39	2.82	0.8958	13
14	1.978	2.32	4.61	4.31	22.3	13.3	13.7	4.74	3.25	1.48	2.78	0.8908	14
15	1.788	2.26	4.41	4.38	24.1	24.0	11.5	3.72	2.82	1.46	2.71	0.9358	15
16	1.868	2.27	4.22	4.89	26.8	25.0	11.7	3.01	2.55	1.51	3.23	0.8708	16
17	1.938	2.33	4.10	5.48	28.5	21.3	9.52	2.73	2.68	1.71	3.86	0.8258	17
18	1.988	2.40	4.00	5.89	26.1	30.5	7.78	2.58	2.80	1.86	3.56	0.7858	18
19	2.018	2.35	4.13	5.67	23.8	18.6	6.57	2.42	2.76	1.86	3.25	0.7508	19
20	2.028	2.36	4.10	10.2	25.6	17.1	6.89	2.40	2.47	1.79	3.02	0.7058	20
21	2.28	2.34	4.06	13.0	38.1	19.4	5.75	2.32	2.41	1.81	2.86A	0.6508	21
22	2.24	2.36	4.06	14.5	39.2	16.4	4.92	2.18	2.30	2.51	2.82	0.6008	22
23	2.24	2.41	4.17	16.7	41.4	14.1	4.26	1.95	2.15	3.11	2.80	0.5208	23
24	2.22	2.73	4.21	25.8	44.5	16.9	4.38	1.92	1.93	2.29	2.72	0.5558	24
25	2.22	3.10	4.10	34.7	47.7	18.1	5.12	3.63	1.73	2.11	2.74	0.8558	25
26	2.23	3.08	4.04	28.1	45.7	14.3	8.75	4.29	1.58	2.38	2.78	0.7408	26
27	2.33	2.83	4.20	24.3	48.2	11.8	5.48	3.83	1.61	2.27	2.86	0.7058	27
28	2.40	2.85	4.13	21.4	54.0	9.72	5.86	3.56	1.66	2.03	2.70	0.6908	28
29	2.26		4.15	20.0	60.2	9.05	8.21	3.25	1.83	1.90	2.15A	0.7308	29
30	2.28		4.24	22.0	56.8	10.8	4.85	3.28	1.68	1.85	1.49	0.7858	30
31	2.26		4.29		53.9		3.69	2.81		2.76		0.8408	31
TOTAL	65.08	53.64	122.42	324.74	1 007.2	636.67	264.32	104.04	104.11	65.55	95.33	23.950	TOTAL
MEAN	2.10	2.27	3.95	10.8	32.5	21.2	8.53	3.36	3.47	1.79	3.18	0.773	MEAN
MAX	2.40	3.10	6.02	34.7	60.2	49.8	15.8	9.15	7.73	3.11	5.10	0.985	MAX
MIN	1.78	1.57	2.70	4.14	19.3	9.05	3.69	1.92	1.68	1.23	1.49	0.530	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.85
MAXIMUM DAILY, 60.2 ON MAY 29
MINIMUM DAILY, 0.5308 ON DEC 23
MAXIMUM INSTANTANEOUS,
59.4 AT 23:17 PST ON MAY 29

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 52 44 N
LONG 119 24 47 W
DRAINAGE AREA, 811 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	5 630	JUL	32 800
FEB	5 500	AUG	8 890
MAR	10 800	SEP	9 000
APR	26 100	OCT	4 800
MAY	87 000	NOV	8 240
JUN	54 900	DEC	2 070

TOTAL DISCHARGE, 248 000 dam³

MOBERLY RIVER NEAR FORT ST. JOHN - STATION NO. 07FB008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.478	2.028	1.648	1.708	19.1E	36.8	66.2	32.0	5.97	4.18	4.11	2.478	1
2	4.388	2.008	1.658	1.848	19.0E	37.5	69.9	30.3	5.70	4.46	4.14	2.468	2
3	4.358	1.998	1.648	1.828	19.2E	37.3	68.3	28.8	5.84	4.40	4.22	2.478	3
4	4.058	1.988	1.658	1.858	19.9E	36.5	64.2	28.7	5.61	5.14	4.31	2.498	4
5	3.838	1.988	1.678	1.958	21.0E	35.0	60.7	25.0	5.29	4.63	4.41	2.508	5
6	3.838	1.998	1.658	2.088	22.1E	33.8	57.5	23.6	5.06	4.51	4.67	2.408	6
7	3.828	2.008	1.678	2.018	23.7E	32.3	57.9	22.2	4.71	4.57	4.458	2.288	7
8	3.828	1.998	1.668	1.898	25.0E	31.1	74.1	20.6	4.61	4.68	4.058	2.188	8
9	3.558	1.988	1.748	1.808	25.8E	29.8	72.3	19.3	4.57	4.54	3.808	2.118	9
10	3.268	2.008	1.818	1.818	25.5E	28.8	70.9	18.1	4.47	4.62	3.628	2.128	10
11	3.208	2.028	1.828	1.898	25.3E	27.8	67.4	17.2	4.30	4.53	3.808	2.138	11
12	3.248	2.078	1.828	2.018	25.0E	27.0	63.0	16.3	4.22	4.57	3.748	2.118	12
13	3.288	2.088	1.788	2.208	25.0E	26.5	59.4	15.4	4.20	4.58	3.618	2.068	13
14	3.218	2.078	1.688	2.398	25.2E	26.1	57.1	14.2	4.12	4.57	3.598	1.988	14
15	3.158	2.008	1.618	2.758	26.3E	25.4	60.7	13.3	4.21	4.60	3.608	1.928	15
16	2.938	1.908	1.588	3.258	27.2A	24.8	62.0	13.0	4.24	4.48	3.488	1.908	16
17	2.788	1.828	1.608	4.108	28.5E	24.0	60.1	11.8	4.35	4.44	3.458	1.908	17
18	2.768	1.768	1.598	5.708	30.0	23.4	57.9	11.1	4.34	4.49	3.388	1.928	18
19	2.778	1.788	1.548	7.008	29.2	25.4	55.4	10.7	4.28	4.52	3.248	1.978	19
20	2.708	1.618	1.508	8.708	28.0	31.0	53.3	10.1	4.24	4.55	3.218	1.998	20
21	2.528	1.888	1.478	10.5 B	28.0	34.9	54.5	9.59	4.31	4.48	3.068	1.988	21
22	2.268	1.928	1.488	13.2 B	30.0	33.6	52.6	8.95	4.17	4.32	2.958	1.918	22
23	2.098	1.928	1.488	15.8 B	31.3	33.1	49.1	8.32	4.14	4.43	2.818	1.878	23
24	1.988	1.978	1.478	17.1 B	32.0	32.8	46.5	7.88	4.14	4.54	2.758	1.848	24
25	1.938	1.908	1.498	18.0 B	33.2	53.2	44.0	7.51	4.27	4.27	2.728	1.868	25
26	1.928	1.758	1.518	17.0 B	33.9	59.6	45.8	7.15	3.84	4.51	2.768	1.928	26
27	1.918	1.638	1.578	16.8 B	34.1	58.7	44.9	6.84	3.91	4.23	2.788	1.908	27
28	1.988	1.638	1.618	17.5 B	34.0	58.6	41.3	6.55	3.79	4.20	2.698	1.878	28
29	2.018		1.638	18.8 B	33.8	55.3	38.7	6.40	3.90	4.18	2.578	1.868	29
30	2.028		1.668	19.6 B	34.2	53.3	36.9	6.36	4.02 E	4.09	2.488	1.838	30
31	2.048		1.708		35.4		34.0	6.17	E	4.18		1.848	31
TOTAL	92.07	52.88	50.33	223.13	851.9	1 123.8	1 757.4	481.32	134.82	138.42	104.87	64.04	TOTAL
MEAN	2.97	1.82	1.62	7.44	27.5	37.5	56.7	14.9	4.49	4.47	3.49	2.07	MEAN
MAX	4.47	2.08	1.82	19.6	35.4	69.6	74.1	32.0	5.97	5.14	4.67	2.50	MAX
MIN	1.91	1.63	1.45	1.70	19.0	22.4	34.0	6.17	3.79	4.09	2.48	1.83	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 13.8
MAXIMUM DAILY, 74.1 ON JUL 8
MINIMUM DAILY, 1.450 ON MAR 22
MAXIMUM INSTANTANEOUS,
76.2 AT 23:11 PST ON JUL 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 05 35 N
LONG 121 20 49 W
DRAINAGE AREA, 1 520 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	7 950	JUL	152 000
FEB	4 960	AUG	38 900
MAR	4 350	SEP	11 800
APR	19 300	OCT	12 000
MAY	73 900	NOV	8 040
JUN	97 100	DEC	5 530

TOTAL DISCHARGE, 437 000 dam³

MOFFAT CREEK NEAR HORSEFLY - STATION NO. 08KN015

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.770E	0.800E	1.45E	2.28	5.51	5.78	10.5	2.49	0.934	0.784	2.95	1.20 E	1
2	0.790E	0.790E	1.38E	2.31	7.84	5.78	12.1	2.16	0.905	0.746	3.73	1.19 E	2
3	0.815E	0.770E	1.30E	2.27	7.82	5.47	10.6	1.92	0.853	0.744	3.54	1.19 E	3
4	0.820E	0.760E	1.28E	2.35	7.30	4.96	9.84	1.74	0.892	0.760	3.36	1.16 E	4
5	0.810E	0.735E	1.25E	2.50	8.76	4.38	8.23	1.56	0.983	0.782	3.16	1.16 E	5
6	0.805E	0.730E	1.22E	2.70	8.46	3.83	6.50	1.44	0.122	0.780	2.94	1.17 E	6
7	0.810E	0.745E	1.24	3.08	8.29	3.37	5.23	1.32	0.882	0.792	2.87	1.16 E	7
8	0.840E	0.765E	1.21	3.15	6.52	3.10	4.33	1.28	0.884	0.818	2.84	1.14 E	8
9	0.860E	0.790E	1.34	3.08	7.00	2.90	3.93	1.44	0.939	0.800	2.28	1.12 E	9
10	0.920E	0.820E	1.64	2.97	7.19	2.79	3.54	2.20	0.906	0.773	2.19	1.06 E	10
11	0.940E	0.880E	1.84	2.87	6.89	2.80	3.32	2.28	0.988	0.780	2.12	1.03 E	11
12	0.950E	0.960E	1.81	2.58	6.16	3.14	3.59	1.85	1.00	0.728	2.03	1.00 E	12
13	0.940E	1.02 E	2.08	2.39	5.53	3.17	5.55	1.74	1.08	0.714	1.96	0.980E	13
14	0.915E	1.04 E	2.10	2.36	5.15	2.95	7.24	1.59	1.06	0.700	1.85	0.980E	14
15	0.890E	1.05 E	2.01	2.41	4.72	2.81	8.24	1.47	1.02	0.677	1.82	0.950E	15
16	0.878E	1.08 E	2.09	2.71	4.53	2.73	8.42	1.34	1.17	0.683	1.83	0.940E	16
17	0.860E	1.12 E	2.66	3.12	4.63	2.98	8.85	1.32	1.27	0.717	2.11	0.930E	17
18	0.850E	1.15 E	2.68	3.84	5.47	3.73	6.55	1.24	1.66	0.754	2.48	0.910E	18
19	0.842E	1.16 E	2.34	5.15	5.81	5.35	4.86	1.15	1.55	0.807	2.44	0.890E	19
20	0.830E	1.25 E	2.17	6.16	7.10	7.76	4.24	1.05	1.41	0.853	2.23	0.870E	20
21	0.820E	1.32 E	2.02	7.30	7.39	11.8	4.65	0.975	1.30	0.840	1.90	0.850E	21
22	0.838E	1.43 E	1.78	8.28	8.09	13.4	5.56	0.893	1.20	0.840	1.78	0.830E	22
23	0.845E	1.50 E	1.80	8.65	7.17	10.9	4.85	0.839	1.09	0.873	1.76	0.810E	23
24	0.852E	1.56 E	1.77	9.84	8.27	9.23	4.13	0.781	1.04	0.895	1.35	0.780E	24
25	0.860E	1.80 E	1.83	10.0	9.62	9.59	3.82	0.709	0.958	1.02	1.28E	0.750E	25
26	0.885E	1.82 E	1.74	10.8	9.28	10.9	3.67	0.852	0.822	1.08	1.28E	0.760E	26
27	0.880E	1.80 E	1.81	10.2	9.18	8.78	4.85	0.614	0.800	1.69	1.25E	0.764E	27
28	0.847E	1.55 E	1.80	9.28	9.98	7.78	5.03	0.588	0.872	2.43	1.24E	0.788E	28
29	0.824E		1.91	8.88	8.82	6.36	4.06	0.595	0.850	2.88	1.23	0.772E	29
30	0.822E		2.08	8.84	8.95	6.74	3.37	0.541	0.822	3.27	1.20E	0.776E	30
31	0.810E		2.17		9.38		2.93	0.527		3.11		0.780E	31
TOTAL	26.42E	30.61E	56.87	153.99	194.09	176.31	178.07	40.212	30.356	31.690	64.38	29.890	TOTAL
MEAN	0.853	1.09	1.83	5.12	6.26	5.88	5.78	1.30	1.01	1.02	2.15	0.964	MEAN
MAX	0.950	1.82	2.68	10.8	9.51	13.4	12.1	2.49	1.55	2.88	3.73	1.20	MAX
MIN	0.770	0.730	1.21	2.27	4.63	2.73	2.93	0.527	0.534	0.683	1.20	0.750	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.78
MAXIMUM DAILY, 13.4 ON JUN 22
MINIMUM DAILY, 0.527 ON AUG 31
MAXIMUM INSTANTANEOUS,
13.9 AT 08:01 PST ON JUN 22

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 18 49 N
LONG 121 24 10 W
DRAINAGE AREA, 539 km²

E - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 280	JUL	15 500
FEB	2 650	AUG	3 470
MAR	4 900	SEP	2 620
APR	13 300	OCT	2 740
MAY	16 800	NOV	5 580
JUN	15 200	DEC	2 570

TOTAL DISCHARGE, 87 800 dam³

MONTE CREEK ABOVE MONTE LAKE DIVERSION - STATION NO. 08LE103

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.270	2.98	1.50	0.248	0.103	0.085	---	---	---	1
2	---	---	---	0.308	3.38	1.27	0.312	0.115	0.139	---	---	---	2
3	---	---	---	0.278	3.38	1.18	0.282	0.099	0.126	---	---	---	3
4	---	---	---	0.287	2.53	0.980	0.248	0.091	0.097	---	---	---	4
5	---	---	---	0.308	2.55	0.814	0.224	0.088	0.197	---	---	---	5
6	---	---	---	0.284	2.83	0.702	0.215	0.082	0.133	---	---	---	6
7	---	---	---	0.435	2.85	0.844	0.209	0.078	0.114	---	---	---	7
8	---	---	---	0.440	2.34	0.549	0.192	0.078	0.117	---	---	---	8
9	---	---	---	0.440	2.15	0.476	0.224	0.080E	0.110	---	---	---	9
10	---	---	---	0.419	1.81	0.514	0.194	0.082	0.103	---	---	---	10
11	---	---	---	0.384	1.70	0.425	0.175	0.142	0.163	---	---	---	11
12	---	---	---	0.369	1.70	0.425	0.192	0.137	0.172	---	---	---	12
13	---	---	---	0.331	1.68	0.389	0.167	0.101	0.130	---	---	---	13
14	---	---	---	0.331	2.08	0.341	0.200	0.088	0.128	---	---	---	14
15	---	---	---	0.328	2.28	0.384	0.206	0.080	0.118	---	---	---	15
16	---	---	---	0.369	2.55	0.349	0.187	0.076	0.108	---	---	---	16
17	---	---	---	0.409	3.19	0.328	0.175	0.073	0.121	---	---	---	17
18	---	---	---	0.623	1.78	0.320	0.183	0.071E	0.124	---	---	---	18
19	---	---	---	0.648	2.24	0.284	0.151	0.068	0.114	---	---	---	19
20	---	---	---	0.780	2.88	0.362	0.151	0.085	0.108	---	---	---	20
21	---	---	---	1.09	3.38	0.487	0.142	0.091	0.110	---	---	---	21
22	---	---	---	1.19	2.83	0.393	0.132	0.078	0.108	---	---	---	22
23	---	---	---	1.31	3.08	0.389	0.142	0.088	0.108	---	---	---	23
24	---	---	---	2.83	3.14	0.376	0.135E	0.084	0.108	---	---	---	24
25	---	---	---	3.17	3.21	0.332	0.128	0.108	0.097	---	---	---	25
26	---	---	---	2.58	2.78	0.304	0.128	0.077	0.090	---	---	---	26
27	---	---	---	2.17	2.80	0.292	0.112	0.070	0.085	---	---	---	27
28	---	---	---	2.15	2.32	0.277	0.110	0.072	0.085	---	---	---	28
29	---		---	1.92	2.19	0.254	0.103	0.072	0.088	---	---	---	29
30	---		---	2.44	1.88	0.269	0.085	0.072	0.085	---	---	---	30
31	---		---		1.75		0.090	0.088		---		---	31
TOTAL	---	---	---	28.878	77.58	15.566	5.431	2.633	3.436	---	---	---	TOTAL
MEAN	---	---	---	0.983	2.50	0.519	0.175	0.085	0.115	---	---	---	MEAN
MAX	---	---	---	3.17	3.38	1.50	0.312	0.142	0.197	---	---	---	MAX
MIN	---	---	---	0.270	1.70	0.284	0.090	0.084	0.085	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 3.38 ON MAY 3

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - MANUAL
LOCATION - LAT 50 31 32 N
LONG 119 51 09 W
DRAINAGE AREA, 84.3 km²

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	488
FEB	---	AUG	227
MAR	---	SEP	297
APR	2 500	OCT	---
MAY	E 700	NOV	---
JUN	1 380	DEC	---

MOODY CREEK NEAR CHRISTINA - STATION NO. 08MH021

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.024E	0.026	0.194	0.470	1.16 E	0.449	0.200E	0.085	0.084	0.027E	0.031	0.034	1
2	0.025	0.035	0.190	0.517	1.16 E	0.430	0.213E	0.076	0.080	0.027	0.032	0.035	2
3	0.025	0.032	0.201	0.508E	1.18 E	0.420	0.220	0.076	0.080	0.027	0.086	0.053	3
4	0.025	0.032	0.223	0.496	1.17 E	0.368E	0.191	0.073	0.048E	0.027	0.046	0.046	4
5	0.025	0.032	0.268	0.489	1.16 E	0.357	0.177	0.068	0.042	0.029	0.035	0.047	5
6	0.025	0.032E	0.330	0.478	1.22 E	0.357	0.177	0.068E	0.042	0.027	0.037	0.045	6
7	0.026	0.033	0.378	0.557	1.33 E	0.323	0.163	0.063E	0.042	0.027	0.035	0.044	7
8	0.027	0.032	0.396	0.557	1.31 E	0.340	0.159E	0.060	0.042	0.025	0.034	0.055	8
9	0.033	0.031	0.527	0.527	1.26 E	0.330	0.155	0.062	0.042	0.025	0.042	0.058E	9
10	0.032E	0.031	0.620E	0.522E	1.22 E	0.313	0.149	0.109	0.060	0.025	0.043E	0.055E	10
11	0.031	0.032	1.01 E	0.517	1.12 E	0.239	0.155	0.121	0.048	0.025	0.045E	0.055E	11
12	0.031	0.036	0.960E	0.498	1.07 E	0.228E	0.169	0.115	0.043	0.025	0.047E	0.058E	12
13	0.030	0.039E	0.840E	0.489	1.01 E	0.213	0.186	0.121	0.042	0.025	0.048	0.055E	13
14	0.027	0.041	0.780	0.498	1.03 E	0.269	0.182	0.080	0.038	0.025E	0.048	0.050E	14
15	0.027	0.041	0.730E	0.518E	1.04 E	0.228	0.164	0.070	0.038E	0.025	0.072	0.050E	15
16	0.027E	0.044	0.680E	0.538E	1.03 E	0.220	0.147	0.070	0.037F	0.024	0.078	0.054E	16
17	0.027	0.068	0.647	0.557	1.00 E	0.303	0.135	0.060	0.036	0.025	0.076E	0.054E	17
18	0.027	0.084	0.527	0.529	0.980E	0.295	0.110	0.060	0.036	0.033	0.074E	0.054	18
19	0.027	0.085	0.478	0.900E	0.950E	0.271	0.116	0.060	0.035	0.039	0.072E	0.054	19
20	0.027	0.071	0.458E	0.880E	0.920E	0.265	0.118	0.060	0.036	0.029	0.070	0.051	20
21	0.027	0.071	0.432	1.17 E	0.870E	0.231	0.115	0.055	0.036	0.027	0.068	0.048	21
22	0.027	0.078	0.423	1.26 E	0.830E	0.223	0.109	0.055	0.036	0.046	0.082	0.043	22
23	0.027E	0.087	0.441	1.53 E	0.800E	0.216	0.103	0.055	0.033	0.033	0.083	0.045	23
24	0.027	0.101	0.451	1.64 E	0.770E	0.285	0.149	0.060	0.031	0.027	0.060	0.048	24
25	0.028	0.134	0.451	1.92 E	0.730E	0.231	0.127	0.060	0.029	0.027	0.050	0.045E	25
26	0.030	0.137	0.432	1.80 E	0.880E	0.208	0.148	0.055	0.029	0.027	0.080	0.048	26
27	0.047	0.186	0.441	1.44 E	0.527	0.199	0.113	0.060	0.027	0.028	0.058	0.046	27
28	0.058	0.189	0.441	1.38	0.487	0.192	0.113	0.055	0.029	0.025	0.057	0.047	28
29	0.043		0.478	1.34 E	0.473E	0.192	0.108	0.055	0.027	0.025	0.043	0.048	29
30	0.040E		0.488	1.17 E	0.458	0.189	0.102	0.055	0.027	0.027	0.045E	0.048	30
31	0.037		0.489		0.443		0.091	0.050		0.030		0.045E	31
TOTAL	0.945	1.760	15.802	25.799	29.388	8.922	4.833	2.204	1.152	0.854	1.610	1.547	TOTAL
MEAN	0.030	0.063	0.500	0.880	0.948	0.297	0.148	0.071	0.038	0.028	0.054	0.050	MEAN
MAX	0.055	0.188	1.01	1.92	1.32	0.449	0.220	0.121	0.084	0.046	0.078	0.055	MAX
MIN	0.024	0.031	0.190	0.470	0.443	0.192	0.091	0.050	0.027	0.024	0.031	0.034	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.258
MAXIMUM DAILY, 1.92E ON APR 25
MINIMUM DAILY, 0.024E ON JAN 1

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 03 04 N
LONG 118 15 24 W
DRAINAGE AREA, 13.6 km²

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	81.6	JUL	382
FEB	152	AUG	190
MAR	1 340	SEP	99.5
APR	2 230	OCT	73.8
MAY	2 540	NOV	139
JUN	771	DEC	134

TOTAL DISCHARGE, 8 140 dam³

MOON CREEK ABOVE DIVERSIONS - STATION NO. 08MH024

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	0.180	0.158	0.148	0.108	0.078	---	---	1
2	---	---	---	---	---	0.163A	0.200	0.144	0.108	0.074	---	---	2
3	---	---	---	---	---	0.148A	0.194	0.147	0.093	0.083A	---	---	3
4	---	---	---	---	---	0.152A	0.203	0.144	0.094	---	---	---	4
5	---	---	---	---	---	0.153A	0.199	0.144	0.094	---	---	---	5
6	---	---	---	---	---	0.161A	0.185	0.138	0.091	---	---	---	6
7	---	---	---	---	---	0.178A	0.182	0.131	0.085	---	---	---	7
8	---	---	---	---	---	0.178	0.181	0.129	0.090	---	---	---	8
9	---	---	---	---	---	0.173	0.186	0.129	0.086	---	---	---	9
10	---	---	---	---	---	0.209	0.187	0.140	0.093	---	---	---	10
11	---	---	---	---	---	0.205	0.184	0.143	0.096	---	---	---	11
12	---	---	---	---	---	0.219	0.184	0.137	0.096	---	---	---	12
13	---	---	---	---	---	0.200	0.183	0.132	0.090	---	---	---	13
14	---	---	---	---	---	0.190	0.180	0.128	0.089	---	---	---	14
15	---	---	---	---	---	0.186	0.180	0.123	0.089	---	---	---	15
16	---	---	---	---	---	0.181	0.179	0.123	0.094	---	---	---	16
17	---	---	---	---	---	0.202	0.187	0.120	0.096	---	---	---	17
18	---	---	---	---	0.088A	0.178	0.188	0.117	0.086	---	---	---	18
19	---	---	---	---	0.090	0.183	0.183	0.115	0.083	---	---	---	19
20	---	---	---	---	0.089	0.188	0.191	0.113	0.080	---	---	---	20
21	---	---	---	---	0.100	0.182	0.178	0.111	0.086	---	---	---	21
22	---	---	---	---	0.088	0.177	0.187	0.108	0.087	---	---	---	22
23	---	---	---	---	0.104	0.184	0.186	0.107	0.089	---	---	---	23
24	---	---	---	---	0.102	0.190	0.187	0.102	0.089	---	---	---	24
25	---	---	---	---	0.103	0.187	0.183	0.105	0.088	---	---	---	25
26	---	---	---	---	0.102	0.184	0.187	0.104	0.086	---	---	---	26
27	---	---	---	---	0.089	0.188	0.181	0.102	0.086	---	---	---	27
28	---	---	---	---	0.104	0.188	0.181	0.104	0.078	---	---	---	28
29	---		---	---	0.125	0.202	0.148	0.088	0.078	---	---	---	29
30	---		---	---	0.141	0.188	0.148	0.087	0.080	---	---	---	30
31	---		---		0.143		0.147	0.088		---		---	31
TOTAL	---	---	---	---	---	5.518	5.492	3.780	2.725	---	---	---	TOTAL
MEAN	---	---	---	---	---	0.184	0.177	0.122	0.091	---	---	---	MEAN
MAX	---	---	---	---	---	0.219	0.200	0.148	0.109	---	---	---	MAX
MIN	---	---	---	---	---	0.143	0.148	0.088	0.078	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 0.240 ON JUL 2

MAXIMUM INSTANTANEOUS,
0.275 AT 07:03 PST ON JUL 2

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 05 45 N
LONG 133 01 20 W
DRAINAGE AREA, 11.1 km²
A - MANUAL GAUGE

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	475
FEB	---	AUG	327
MAR	---	SEP	235
APR	---	OCT	---
MAY	---	NOV	---
JUN	477	DEC	---

MOOSE RIVER NEAR RED PASS - STATION NO. 08AA005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.900	1.630	1.380	1.210	3.65E	82.5A	33.9	22.6 E	8.00E	4.40E	14.5	2.68B	1
2	1.890	1.610	1.370	1.200	3.85E	68.9	31.1	23.0 E	8.95E	4.52E	12.0	2.68B	2
3	1.880	1.600	1.370	1.210	4.10E	58.0	34.4	23.6 E	8.10E	4.58E	10.7	2.60B	3
4	1.870	1.580	1.380	1.210	4.40E	47.6	33.6	23.3 E	8.15E	4.55E	9.99	2.54B	4
5	1.850	1.560	1.340	1.210	4.80E	33.4	33.3	22.8 E	8.00E	4.40E	8.80	2.49B	5
6	1.850	1.540	1.320	1.220	4.95E	26.1	31.8	21.0 E	7.70E	4.25E	7.88	2.43B	6
7	1.850	1.560	1.310	1.220	4.85E	23.0	31.5	19.4 E	7.80E	4.05E	7.15	2.38B	7
8	1.850	1.550	1.300	1.220	4.70E	21.6	27.3	18.9 E	7.85E	3.80E	6.40	2.34B	8
9	1.840	1.530	1.300	1.240	5.00E	27.7A	25.6	18.0 E	7.35E	3.87E	5.80	2.30B	9
10	1.840	1.510	1.300	1.240	5.40E	27.2E	23.6	15.0 E	6.80E	3.84E	5.37	2.26B	10
11	1.830	1.510	1.300	1.250	6.00E	25.3E	27.2	14.2 E	6.40E	3.81A	5.26	2.23B	11
12	1.820	1.510	1.300	1.270	6.50E	22.6E	41.4	14.3 E	6.00E	3.72	5.08	2.18B	12
13	1.810	1.500	1.300	1.290	7.10E	20.5E	44.6	14.1 E	5.80E	3.71	4.78	2.13B	13
14	1.810	1.500	1.290	1.310	7.80E	20.0E	49.5A	14.3 E	5.40E	3.85	4.52	2.08B	14
15	1.800	1.500	1.290	1.330	9.00E	21.0E	43.1A	14.8 E	5.45E	3.73	4.31	2.00B	15
16	1.790	1.500	1.290	1.350	11.0 E	22.5E	42.0E	14.5 E	5.70E	3.40	4.24	1.98B	16
17	1.780	1.520	1.290	1.410	13.0 E	23.4E	40.5E	14.0 E	5.75E	3.53	4.00	1.94B	17
18	1.780	1.530	1.280	1.490	15.5 E	24.3E	37.5E	13.2 E	5.60E	3.34	3.84	1.91B	18
19	1.770	1.530	1.280	1.580	18.5 E	25.0E	35.5E	12.8 E	5.27E	3.16	3.66	1.89B	19
20	1.780	1.520	1.280	1.690	18.5 E	25.7A	32.0E	12.2 E	5.05E	3.11	3.45B	1.88B	20
21	1.730	1.520	1.280	1.800	21.5 E	22.2E	30.6E	12.1 E	4.70E	3.11	3.35B	1.85B	21
22	1.720	1.510	1.270	2.100	23.4 E	25.7E	29.5E	11.5 E	4.43E	4.36	3.25B	1.83B	22
23	1.720	1.510	1.270	2.300	25.5 E	33.2E	29.2E	11.0 E	4.57E	4.05	3.18B	1.81B	23
24	1.720	1.510	1.270	2.600	28.0 E	41.1E	30.6E	10.0 E	4.78E	3.11	3.13B	1.78B	24
25	1.710	1.490	1.260	2.780	31.0 E	39.4E	32.0E	9.90E	4.88E	3.46	3.00B	1.76B	25
26	1.690	1.470	1.260	2.900	35.0 E	36.9E	34.0E	9.00E	5.05E	12.3	2.95B	1.76B	26
27	1.680	1.450	1.260	3.100	40.0 E	27.7E	27.0E	8.40E	5.30E	20.4	2.90B	1.75B	27
28	1.670	1.430	1.240	3.250	45.0 E	30.9A	25.3A	8.10E	5.41E	12.8	2.87B	1.75B	28
29	1.660		1.230	3.400	49.0 E	35.8	24.7E	8.00E	5.25E	10.0	2.80B	1.72B	29
30	1.650		1.210	3.52E	53.0 E	38.2	24.0E	8.00E	4.85E	9.67	2.70B	1.71B	30
31	1.640		1.210		58.0 E		23.0E	8.00E		14.1		1.70B	31
TOTAL	55.15	42.70	40.00	54.01	584.15	893.8	1 009.9	449.70	182.75	175.14	181.46	64.32	TOTAL
MEAN	1.78	1.53	1.29	1.80	18.2	29.8	32.6	14.5	6.09	5.65	5.38	2.07	MEAN
MAX	1.90	1.63	1.38	3.52	58.0	82.5	49.5	23.6	8.15	20.4	14.5	2.68	MAX
MIN	1.64	1.43	1.21	1.20	3.65	20.0	23.0	8.00	4.42	3.11	2.70	1.70	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 10.1
MAXIMUM DAILY, 82.5A ON JUN 1
MINIMUM DAILY, 1.20B ON APR 2

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 55 12 N
LONG 118 48 00 W
DRAINAGE AREA, 458 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	4 780	JUL	87 300
FEB	3 690	AUG	38 800
MAR	3 460	SEP	15 800
APR	4 670	OCT	15 100
MAY	48 700	NOV	14 000
JUN	77 200	DEC	5 590

TOTAL DISCHARGE, 319 000 dam³

MORE CREEK NEAR THE MOUTH - STATION NO. 08CG005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.450	5.270	4.520	4.090	28.4	179	138	132	124	27.0	24.9	7.720	1
2	5.400	5.250	4.490	4.080	33.0	216	134	103	159	25.9	25.7	7.540	2
3	5.350	5.230	4.460	4.200	33.3	172	145	101	156	28.9	27.0	7.380	3
4	5.300	5.220	4.430	4.500	31.8	122	130	88.7	128	27.2	27.9	7.180	4
5	5.250	5.200	4.400	5.200	34.0	97.3	113	88.1	95.8	28.3	26.4	7.000	5
6	5.200	5.180	4.370	5.900	35.3	82.5	106	90.1	72.9	22.4	25.0	6.850	6
7	5.170	5.160	4.340	6.750	38.0	89.1	110	84.7	63.1	21.5	24.2	6.700	7
8	5.200	5.140	4.320	6.550	40.7	96.4	134	82.7	63.8	24.0	23.9 A	6.550	8
9	5.200	5.120	4.300	6.200	40.4	105	127	104	61.0	24.3	20.9 B	6.400	9
10	5.550	5.100	4.280	6.000	44.3	106	128	113	59.3	22.5	19.1 B	6.250	10
11	6.750	5.070	4.270	5.900	46.6	113	104	107	61.0	23.0	18.2 B	6.150	11
12	6.950	5.040	4.260	5.800	48.7	108	93.8	93.8	62.2	22.7	17.0 B	6.070	12
13	6.850	5.010	4.240	5.650	41.9	97.0	87.6	83.8	61.9	23.1	16.0 B	5.980	13
14	6.700	4.980	4.220	5.900	49.1	88.4	90.3	85.2	57.4	23.7	15.1 B	5.890	14
15	6.500	4.950	4.200	6.200	62.2	117	107	89.4	51.5	24.2	14.2 B	5.800	15
16	6.250	4.910	4.200	7.400	61.5	122	120	84.8	27.2	24.8	13.7 B	5.740	16
17	6.100	4.870	4.200	8.000	51.8	104	125	97.8	24.8	25.5	12.9 B	5.680	17
18	5.900	4.830	4.200	10.5 B	41.6	140	141	74.2	22.8	26.1	12.1 B	5.620	18
19	5.750	4.790	4.200	12.0 B	37.1	140	148	64.4	21.5	26.8	11.8 B	5.580	19
20	5.650	4.750	4.200	13.8	75.2	131	139	55.7	23.7	30.2	11.1 B	5.500	20
21	5.550	4.730	4.200	14.6	70.2	131	135	54.1	38.0	30.5	10.8 B	5.480	21
22	5.500	4.710	4.200	15.8	61.8	127	118	54.6	55.0	31.5	10.5 B	5.420	22
23	5.450	4.690	4.200	17.1	53.6	152	95.3	103	46.5	28.8	9.900	5.380	23
24	5.420	4.670	4.200	20.1	47.0	188	86.9	123	42.0	29.4	9.650	5.340	24
25	5.400	4.650	4.180	25.1	51.8	196	98.6	131	43.4	30.9	9.150	5.300	25
26	5.380	4.610	4.180	29.5	43.6	188	99.9	181	33.4	28.8	8.950	5.200	26
27	5.380	4.580	4.140	32.5	44.9	152	128	172	28.3	27.5	8.800	5.180	27
28	5.340	4.550	4.130	29.1	60.6	138	120	154	24.7	27.9	8.600	5.150	28
29	5.320		4.120	27.8	95.6	139	109	148	22.1	30.0	8.100	5.100	29
30	5.300		4.110	28.9	153	144	114	135	21.4	29.0	7.900	5.050	30
31	5.280		4.100		206		105	138		27.1		5.050	31
TOTAL	185.67	138.25	131.84	377.42	1 743.9	3 982.0	3 705.6	3 388.7	1 999.5	822.0	480.25	185.18	TOTAL
MEAN	5.99	4.94	4.25	12.6	56.3	133	120	107	83.3	26.5	16.0	5.97	MEAN
MAX	6.95	5.27	4.52	32.5	206	216	185	181	159	31.5	27.9	7.72	MAX
MIN	5.28	4.55	4.10	4.08	29.4	89.4	87.6	55.7	21.4	21.5	7.90	5.05	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 65.5
MAXIMUM DAILY, 216 ON JUN 2
MINIMUM DAILY, 4.08B ON APR 2
MAXIMUM INSTANTANEOUS,
234 AT 01:42 PST ON JUN 25

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 57 02 27 N
LONG 130 24 05 W
DRAINAGE AREA, 844 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	19 100	JUL	320 000
FEB	11 900	AUG	266 000
MAR	11 400	SEP	138 000
APR	32 600	OCT	71 000
MAY	151 000	NOV	41 500
JUN	344 000	DEC	16 000

TOTAL DISCHARGE, 1 440 000 dam³

MORICE RIVER NEAR HOUSTON - STATION NO. 08ED002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	18.6	15.0	12.3	8.14	29.7	216	148	93.1	71.6	58.9	42.6	28.9	1
2	18.5	14.8	12.2	8.20	34.5	231	146	92.4	72.8	57.5	43.0	28.4	2
3	18.6	14.5	12.1	8.24	38.2	238	142	91.7	73.4	56.9	43.7	27.8	3
4	18.5	14.3	11.9	8.14	44.2	235	139	89.3	74.4	55.8	44.2	26.7	4
5	18.5	14.2	11.7	8.15	48.8	229	135	88.2	73.2	54.0	43.7	26.4A	5
6	18.3	14.1	11.6	8.15	53.2	223	130	86.4	73.8	52.6	43.3	25.9E	6
7	18.6	13.9	11.4	8.46	57.7	214	128	85.1	74.2	51.0	43.6	25.4E	7
8	17.1	13.8	11.3	8.18	61.3	206	122	84.1	71.6	49.6	42.4	24.9E	8
9	17.0	13.7	11.2	8.05	63.7	199	117	84.2	69.2	48.9	41.6	24.4E	9
10	16.8	13.3	11.2	8.10	65.8	194	114	85.6	65.3	47.6	40.6	24.0E	10
11	17.2	13.5	11.1	8.15	67.3	188	112	86.7	64.2	45.7	40.9	23.6E	11
12	18.6	13.8	10.8	8.05	69.5	182	110	86.0	62.5	44.4	40.3	23.2E	12
13	18.3	13.8	10.8	7.99	73.3	177	108	85.1	62.7	43.4	39.5	22.8E	13
14	17.9	13.8	10.8	7.95	79.9	171	108	84.0	63.6	42.2	38.9	22.4E	14
15	17.8	13.7	10.8	8.00	86.9	169	105	82.1	63.5	41.0	38.7	22.0E	15
16	17.6	13.4	10.4	8.05	93.4	165	107	81.8	63.2	40.0	38.6	21.8E	16
17	17.8	13.5	10.2	7.90	89.4	162	107	82.5	61.7	39.3	37.9	21.3E	17
18	17.4	13.4	10.1	8.38	104	159	108	82.4	60.2	38.3	37.7	21.0E	18
19	17.4	13.2	9.98	8.59	108	154	108	82.2	59.0	38.1	38.7	20.7E	19
20	17.4	13.2	9.78	8.93	116	148	112	80.9	57.8	37.8	35.9	20.4E	20
21	17.1	13.0	9.48	9.51	127	143	112	79.2	56.3	38.1	35.1	20.1E	21
22	16.6	12.7	9.33	9.68	135	140	111	77.6	55.6	38.3	34.4	19.8E	22
23	15.9	13.2	9.14	10.1	141	140	110	77.1	55.5	38.2	34.1	19.5E	23
24	15.8	13.3	8.99	10.8	147	143	108	76.6	54.8	38.4	33.6	19.3E	24
25	15.6	13.1	8.86	12.1	152	150	108	74.8	55.8	40.6	33.1	19.1E	25
26	15.9	12.7	8.72	13.8	155	154	103	72.8	61.2	42.1	32.6	18.8E	26
27	16.2	12.8	8.67	15.1	157	155	100	71.5	62.6	41.8	32.2	18.8E	27
28	15.9	12.4	8.62	18.2	159	154	97.8	71.6	61.6	41.6	31.3	18.4E	28
29	15.7		8.41	21.0	165	152	95.1	72.3	61.0	41.6	30.6	18.2E	29
30	15.5		8.39	25.0	180	151	92.8	72.2	59.7	42.4	29.8	18.0E	30
31	15.3		8.38		200		92.7	72.2		42.6		17.9E	31
TOTAL	531.0	380.0	318.71	310.19	3 115.8	5 342	3 535.8	2 531.6	1 923.5	1 389.3	1 140.4	689.6	TOTAL
MEAN	17.1	13.6	10.3	10.3	101	178	114	81.7	64.1	44.8	38.0	22.2	MEAN
MAX	18.6	15.0	12.3	25.0	200	238	148	93.1	74.4	58.9	44.2	28.9	MAX
MIN	15.3	12.4	8.38	7.90	29.7	140	92.7	71.5	54.8	37.8	29.8	17.9	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 88.1
MAXIMUM DAILY, 238 ON JUN 3
MINIMUM DAILY, 7.90 ON APR 17
MAXIMUM INSTANTANEOUS,
241 AT 15:38 PST ON JUN 3

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 07 05 N
LONG 127 25 25 W
DRAINAGE AREA, 1 910 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	45 900	JUL	305 000
FEB	32 800	AUG	219 000
MAR	27 500	SEP	166 000
APR	26 800	OCT	120 000
MAY	289 000	NOV	98 500
JUN	462 000	DEC	59 600

TOTAL DISCHARGE, 1 830 000 dam³

MOSLEY CREEK NEAR DUNBELL LAKE - STATION NO. 08ED007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	9.708	9.18	10.2	8.88	33.3	219	95.8	129	95.0E	20.5	18.0	8.908	1
2	9.688	9.16	9.86	8.90	32.5	222	95.0	139	94.0E	20.4	18.5	8.858	2
3	9.658	9.008	9.84	8.78	33.1	193	100	131	95.0E	20.5	18.4	8.458	3
4	9.628	8.958	9.30	8.81	32.3	156	101	103	91.0E	21.2	18.3	8.208	4
5	9.608	8.908	9.15	8.86	31.5	131	97.8	95.4	81.0E	19.8	18.2	8.008	5
6	9.608	8.808	9.02	9.07	30.6	123	92.7	87.7	71.0E	18.2	15.2	7.808	6
7	9.658	8.708	8.98	9.80	30.3	128	88.4	88.9	69.0E	16.6	14.3	7.858	7
8	8.758	8.608	9.25	9.80	28.8	141	81.6	114	61.0E	15.5	13.8	7.658	8
9	9.058	8.608	17.3	9.70	27.7	149	78.5	135	43.5E	14.6	13.0	7.708	9
10	9.608	8.17	14.0	9.59	26.5	147	80.2	130	40.5E	14.1	12.8	7.808	10
11	17.7 A	16.2	12.5	9.25	27.2	117	104	132	38.5E	14.2	14.3	7.958	11
12	16.3	16.2	11.7	9.00	29.8	105	112	122	39.5E	15.0	14.6	7.908	12
13	14.2	14.4	11.2	8.80	33.9	102	121	123	43.0E	15.2	14.2	7.758	13
14	12.5	12.5	10.7	8.89	36.7	99.1	103	117	44.0E	14.8	13.4	7.858	14
15	11.6	11.6	10.2	9.27	33.2	114	86.9	99.1A	38.8A	14.2	15.1	7.858	15
16	11.2	10.8	10.0	10.0	34.2	113	90.8	95.0E	39.2	13.6	17.2	7.408	16
17	11.3	10.8	9.74	11.0	38.0	103	104	90.0E	38.1	13.7	15.8	7.308	17
18	11.7	10.7	9.67	12.6	39.6	94.2	115	87.0E	28.4	13.1	14.3	7.208	18
19	12.1	10.2	9.50	14.1	42.7	86.5	129	83.0E	24.0	13.2	13.1	7.058	19
20	11.3	9.86	9.44	15.3	41.1	82.3	128	80.5E	25.3	12.9	12.6	7.008	20
21	10.3	9.84	9.54	15.5	37.6	83.3	127	78.0E	31.6	14.5	11.9	6.858	21
22	10.1 E	9.71	9.46	15.4	71.3	93.6	118	76.0E	37.1	15.5	11.2	6.818	22
23	9.858	11.7	9.28	15.2	80.8	102	117	80.0E	41.6	13.5	11.1	6.808	23
24	9.89	15.1	9.12	17.0	81.0	103	118	82.0E	39.9	12.4	11.1	6.788	24
25	10.2	13.8	9.09	22.1	103	93.9	120	78.5A	36.8	13.0	10.8	6.808	25
26	10.8	12.0	9.10	23.3	104	92.0	107	75.0E	46.0	32.4	10.5	6.828	26
27	10.6	11.2	9.06	21.3	104	93.7	108	73.5E	34.2	27.4	10.4	6.808	27
28	10.1	10.7	9.03	23.6	115	108	101	80.0E	25.5	21.7	9.71	7.008	28
29	9.82		8.88	29.3	148	105	95.8	80.0E	22.1	18.2	9.80	7.208	29
30	9.58		9.06	32.4	189	104	104	84.0E	20.9	20.7	9.04	7.408	30
31	9.45		9.02		205		121	89.0E		20.6		7.808	31
TOTAL	328.80	307.08	312.01	414.72	1 982.7	3 807.5	3 243.2	3 081.5	1 407.5	533.2	408.85	232.41	TOTAL
MEAN	10.6	11.0	10.1	13.8	63.3	130	105	99.4	46.9	17.2	13.7	7.50	MEAN
MAX	17.7	16.2	17.3	32.4	205	222	129	139	96.0	32.4	18.5	8.90	MAX
MIN	8.80	8.80	8.88	8.78	26.5	82.3	78.5	73.5	20.9	12.4	9.04	8.78	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 43.4
MAXIMUM DAILY, 222 ON JUN 2
MINIMUM DAILY, 6.780 ON DEC 24
MAXIMUM INSTANTANEOUS,
233 AT 23:01 PST ON JUN 1

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 24 31 N
LONG 124 55 54 W
DRAINAGE AREA, 1 550 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	28 400	JUL	280 000
FEB	26 500	AUG	266 000
MAR	27 000	SEP	122 000
APR	35 800	OCT	46 100
MAY	170 000	NOV	35 400
JUN	312 000	DEC	20 100

TOTAL DISCHARGE, 1 370 000 dam³

MOYIE RIVER ABOVE NEGRO CREEK - STATION NO. 08NH120

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.940B	0.795B	1.08	1.23	14.5	30.2	7.94	2.81	1.00	0.598A	1.47	1.28 B	1
2	0.915B	0.800B	1.08	1.23	15.0	28.8	8.16	2.40	1.09	0.585E	1.46	1.28 B	2
3	0.905B	0.795B	1.13	1.26	15.8	26.9	8.14	2.15	1.15	0.585E	7.27	1.27 B	3
4	0.930B	0.785B	1.27	1.31	15.1	24.6	8.99	1.95	1.13	0.580E	20.8	1.28 B	4
5	0.940B	0.785B	1.24	1.37	15.6	21.6	8.23	1.79	1.37	0.573E	8.75	1.28 B	5
6	0.910B	0.740B	1.22	1.62	16.7	20.3	5.84	1.61	1.11	0.573E	7.53	1.32 B	6
7	0.900B	0.770B	1.19	2.29	17.6	20.3	5.35	1.48	1.06	0.585E	6.16	1.32 B	7
8	1.10 B	0.780B	1.21	2.36	17.4	20.4	5.24	1.40	0.989	0.580E	4.95	1.32 B	8
9	1.80 B	0.740B	1.33	2.11	16.4	20.6	4.79	1.35	0.939	0.580E	4.26	1.40 B	9
10	1.28 B	0.735B	2.52	1.88	12.9	19.4	4.18	1.54	0.950	0.580E	3.97	1.40 B	10
11	1.25 B	0.760E	3.85	1.89	13.2	18.2	3.89	4.09	1.10	0.558E	3.96	1.41 B	11
12	1.20 B	0.870E	2.88	1.82	13.6	15.8	4.32	3.37	1.05	0.553E	3.83	1.41 B	12
13	1.15 B	0.935E	1.91	1.59	14.3	13.4	7.74	2.38	0.980	0.540E	3.85	1.44 B	13
14	1.04 B	0.910E	1.48	1.62	15.2	12.5	18.3	1.93	0.956	0.535E	3.47	1.45 B	14
15	0.980B	0.853A	1.49	1.91	17.3	12.7	12.1	1.70	0.912	0.535E	3.35	1.40 B	15
16	0.850B	0.773	1.62	2.45	18.0	11.8	9.51	1.50	0.880	0.538E	3.32	1.33 B	16
17	0.825B	0.776	1.61	3.33	21.1	10.7	7.84	1.38	0.920	0.538E	3.36	1.24 B	17
18	0.840B	0.833	1.66	5.28	23.2	10.3	6.80	1.27	0.888	0.548E	3.23	1.13 B	18
19	0.838B	0.817	1.41B	6.62	21.0	9.23	5.84	1.21	0.829	0.552E	2.94	1.03 B	19
20	0.798B	0.813	1.32B	5.41	23.0	8.31	5.68	1.14	0.786	0.550E	2.87	0.980B	20
21	0.780B	0.817	1.23	11.6	26.8	7.41	5.56	1.07	0.774	0.540E	2.86	0.903B	21
22	0.785B	0.831	1.21	13.7	30.6	6.73	4.89	1.03	0.785	0.650E	2.48	0.900B	22
23	0.780B	0.878	1.22	16.7	34.3	10.8	4.17	1.32	0.721	1.28 E	2.43	0.880B	23
24	0.730B	0.972	1.21	29.1	38.4	13.7	3.87	1.74	0.690	1.10 E	2.10	0.883B	24
25	0.675B	1.17	1.22	24.3	43.1	10.3	4.73	1.68	0.673	1.10 E	2.58	0.958B	25
26	0.710B	1.18	1.24	17.7	43.5	8.43	5.38	1.28	0.638	0.785E	2.35	1.15 B	26
27	0.780B	1.11	1.22	14.5	41.9	12.8	4.10	1.24	0.618	0.780E	2.14	1.18 B	27
28	0.845B	1.11	1.23	12.7	40.2	10.7	3.87	1.26	0.611	0.778A	1.806	1.17 B	28
29	0.810B		1.21	11.7	41.7	8.25	3.43	1.26	0.608	0.751	1.878	1.18 B	29
30	0.783B		1.15	12.9	40.8	8.01	2.98	1.12	0.593	0.744	1.528	1.30 B	30
31	0.770B		1.21		34.0		2.72	1.02		1.13		1.39 B	31
TOTAL	28.559	24.084	45.08	216.18	752.4	484.97	190.98	52.05	28.740	21.044	123.39	37.841	TOTAL
MEAN	0.921	0.861	1.45	7.21	24.3	15.2	6.16	1.68	0.891	0.679	4.11	1.22	MEAN
MAX	1.80	1.18	3.66	29.1	43.5	30.2	18.3	4.09	1.37	1.28	20.8	1.45	MAX
MIN	0.675	0.735	1.08	1.23	12.9	8.73	2.72	1.02	0.593	0.535	1.45	0.880	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.41
MAXIMUM DAILY, 43.5 ON MAY 26
MINIMUM DAILY, 0.535E ON OCT 14
MAXIMUM INSTANTANEOUS,
50.8 AT 21:30 MST ON MAY 25

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 25 20 N
LONG 115 55 28 W
DRAINAGE AREA, 240 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	2 470	JUL	16 500
FEB	2 080	AUG	4 500
MAR	3 890	SEP	2 310
APR	18 700	OCT	1 820
MAY	65 000	NOV	10 700
JUN	39 300	DEC	3 270

TOTAL DISCHARGE, 171 000 dam³

MOYIE RIVER AT EASTPORT - STATION NO. 08NH005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.62B	5.26	11.8	15.8	84.0	110	24.6	13.3	4.84	2.92	4.61	7.22B	1
2	4.59B	5.09	12.8	16.0	84.3	104	23.7	12.5	4.78	2.86	4.78	5.88B	2
3	4.58B	5.03	14.0	15.8	88.0	94.3	24.0	11.8	4.87	2.80	8.28	5.95B	3
4	4.50B	5.83	15.1	15.5	84.8	85.0	22.2	10.8	4.80	2.80	34.0	6.09B	4
5	4.53B	5.62E	14.9	15.1	85.7	76.5	20.6	10.1	4.59	2.78	21.4	6.09B	5
6	4.59B	5.38E	14.5	15.3	89.9	69.1	19.5	9.34	4.42	2.78	21.3	6.23B	6
7	4.83	5.38E	14.4	16.6	71.4	64.6	18.3	8.75	4.25	2.78	22.6	6.37B	7
8	7.93	5.38E	14.2	17.2	74.2	60.6	17.7	8.33	4.08	2.84	19.6	6.65B	8
9	10.1	5.38	15.3	17.3	89.9	57.5	16.8	7.90	4.05	2.75	18.0	7.08B	9
10	11.4	5.37	22.7	17.3	84.6	54.1	15.5	7.60	4.02	2.72	17.0	7.38B	10
11	11.2	5.15	28.8	16.6	81.4	52.4	14.4	9.37	4.19	2.86	17.6	7.28	11
12	10.4	5.36	27.6	15.8	80.6	48.4	14.0	9.00	4.05	2.88	18.8	7.11	12
13	9.61	6.09	27.1	15.3	80.3	41.6	15.6	8.35	3.94	2.81	17.8	6.99	13
14	8.88	5.95	26.8	14.9	81.4	38.2	27.1	7.84	3.85	2.81	16.8	6.77	14
15	8.89	5.86	25.3	14.9	84.3	36.2	32.0	7.31	3.74	2.81	16.4	6.57	15
16	8.75	6.03	23.7	15.8	88.4	33.4	28.7	8.99	3.65	2.55	15.2	6.29	16
17	8.04	6.34	22.5	17.3	75.8	30.9	30.3	8.57	3.60	2.58	17.6	5.72	17
18	7.36	7.58	21.0	21.6	81.8	29.4	26.7	8.29	3.51	2.83	17.9	5.21	18
19	6.99	7.90	19.3	26.7	81.6	27.6	23.5	8.06	3.51	2.83	16.8	4.83	19
20	6.74	7.90	18.6	33.7	83.3	25.7	22.2	8.80	3.43	2.69	16.0	3.98B	20
21	6.48	8.04	17.8	40.8	88.7	24.0	23.1	8.47	3.34	2.78	15.0	3.84B	21
22	6.37	8.18	16.8	49.3	108	22.2	20.1	8.27	3.28	3.28	14.0	3.11B	22
23	6.26	8.61	16.4	57.8	117	25.1	18.7	8.49	3.23	6.12	13.3	2.78E	23
24	6.03	9.20	15.8	65.7	128	30.8	17.5	7.22	3.14	4.38	12.7	2.75E	24
25	5.92	10.8	15.5	117	138	28.9	16.7	6.80	3.08	3.62	12.4	2.72E	25
26	5.92	11.6	15.1	98.8	144	24.8	21.4	8.23	2.97	3.05	11.7	2.78E	26
27	6.48	11.8	14.7	85.8	142	28.1	18.9	8.00	2.97	3.84	11.2	2.69E	27
28	6.85	11.8	14.5	76.5	139	27.4	17.3	5.75	3.03	3.43	10.4	2.65E	28
29	6.49		14.4	68.5	138	25.3	16.8	5.82	2.97	3.37	9.87	2.80E	29
30	6.48		15.5	83.1	136	25.1	16.1	5.21	2.97	3.37	9.09	3.28E	30
31	6.37		15.8		133		14.2	4.88		3.71		3.68E	31
TOTAL	218.18	200.37	582.7	1 103.0	2 787.0	1 398.8	640.8	237.46	112.82	95.61	484.32	157.79	TOTAL
MEAN	7.04	7.16	18.2	36.8	89.9	46.6	20.7	7.66	3.76	3.08	15.6	5.09	MEAN
MAX	11.4	11.8	28.8	117	144	110	32.0	13.3	4.84	6.12	34.0	7.38	MAX
MIN	4.50	5.15	11.8	14.9	80.3	22.2	14.0	4.88	2.97	2.55	4.75	2.55	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 21.8
MAXIMUM DAILY, 144 ON MAY 26
MINIMUM DAILY, 2.55 ON OCT 15
MAXIMUM INSTANTANEOUS,
152 AT 01:30 PST ON MAY 26

SUMMARY FOR THE YEAR 1983

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 29 59 N
LONG 115 10 43 W
DRAINAGE AREA, 1 920 km²
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	16 800	JUL	55 400
FEB	17 300	AUG	20 500
MAR	48 800	SEP	9 730
APR	85 300	OCT	8 250
MAY	241 000	NOV	40 100
JUN	121 000	DEC	13 600

TOTAL DISCHARGE, 650 000 dam³

MULLER CREEK NEAR THE MOUTH - STATION NO. 08KB005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.5250	0.3360	0.4920	1.210	8.82	14.2	5.71	2.99	1.52	2.24	7.68	1.84 B	1
2	0.5100	0.3350	0.4860	1.310	7.30	10.5	5.40	2.77	1.87	2.13	6.72	1.78 B	2
3	0.5000	0.3320	0.4920	1.380	6.29	8.51	5.15	2.27	2.02	2.26	6.65	1.76 B	3
4	0.4900	0.3300	0.4870	1.420	9.00	7.39	5.04	2.85	8.59	2.17	6.80	1.75 B	4
5	0.4750	0.3290	0.4760	1.430	10.2	7.44	5.08	2.35	5.25	2.01	5.56	1.72 B	5
6	0.4650	0.3260	0.4680	1.410	11.6	14.5	4.74	2.30	7.89	2.78	4.78	1.68 B	6
7	0.4600	0.3290	0.4550	1.340	11.5	11.7	5.82	2.28	6.72	2.47	4.29	1.65 B	7
8	0.4550	0.3300	0.4480	1.330	9.46	9.87	5.13	2.10	4.84	2.25	3.59	1.62 B	8
9	0.4450	0.3320	0.4400	1.370	8.04	11.7	5.10	2.05	3.93	2.17	3.11	1.61 B	9
10	0.4350	0.3400	0.4420	1.430	8.95	11.8	5.07	2.17	3.23	2.01	3.16	1.59 B	10
11	0.4300	0.3500	0.4450	1.530	8.41	10.7	8.26	2.24	2.83	1.85	3.14	1.55 B	11
12	0.4250	0.3680	0.4560	1.700	8.78	10.5	11.0	2.84	2.76	1.79	3.80	1.51 B	12
13	0.4200	0.3810	0.4800	1.950	7.88	9.16	9.11	1.91	4.03	1.81	2.46	1.45 B	13
14	0.4150	0.3850	0.5050	2.180	8.58	8.89	8.58	1.97	4.95	2.44	2.27	1.37 B	14
15	0.4050	0.3890	0.5520	2.600	9.13	8.85	8.29	1.83	5.47	2.18	2.23	1.32 B	15
16	0.4025	0.3870	0.6300	2.950	8.92	8.52	11.6	1.93	8.38	1.98	2.58	1.24 B	16
17	0.4000	0.3850	0.6720	3.370	10.8	8.06	9.08	5.04	4.84	2.00	2.73	1.15 B	17
18	0.3950	0.3750	0.6600	3.670	9.84	8.47	7.17	3.44	4.17	1.95	2.61	1.05 B	18
19	0.3850	0.3620	0.6370	4.000	9.25	10.1	6.18	2.54	3.58	2.24	2.32	0.9900	19
20	0.3800	0.3500	0.6260	4.950	17.2	15.2	6.37	2.22	3.40	2.37	2.20	0.9100	20
21	0.3750	0.3440	0.6280	5.420	17.0	11.1	6.28	2.03	3.39	2.49	2.318	0.8550	21
22	0.3700	0.3420	0.6400	5.520	11.9	9.18	5.26	1.86	3.26	3.71	2.178	0.8100	22
23	0.3660	0.3510	0.6500	5.320	12.2	8.88	4.63	1.80	3.26	3.11	2.038	0.7700	23
24	0.3620	0.3800	0.6670	5.020	12.1	10.1	4.11	1.75	3.02	2.81	2.008	0.7300	24
25	0.3580	0.4100	0.7050	5.040	13.2	8.96	3.95	1.77	2.83	4.05	1.978	0.7000	25
26	0.3530	0.4500	0.7400	5.000	11.8	8.95	5.50	1.86	4.42	14.1	1.958	0.6900	26
27	0.3500	0.4700	0.7800	5.88	9.49	8.42	4.43	1.77	3.80	8.26	1.938	0.6900	27
28	0.3460	0.4820	0.8400	7.81	11.8	8.38	4.05	1.83	3.08	6.20	1.918	0.6900	28
29	0.3460		0.9000	7.36	16.5	8.41	3.78	1.71	2.61	5.37	1.918	0.6900	29
30	0.3430		0.9900	6.89	15.7	7.01	3.35	1.59	2.33	4.89	1.898	0.6250	30
31	0.3400		1.10 B		17.0		3.20	1.53		10.0		0.6150	31
TOTAL	12.727	10.284	19.029	105.78	335.87	294.13	188.28	69.45	122.16	114.47	97.29	37.335	TOTAL
MEAN	0.411	0.367	0.614	3.53	10.8	9.80	6.07	2.24	4.07	3.69	3.24	1.20	MEAN
MAX	0.525	0.482	1.10	7.98	18.7	15.2	11.6	5.04	7.89	14.1	7.68	1.84	MAX
MIN	0.340	0.326	0.440	1.21	6.41	6.36	3.20	1.53	1.52	1.78	1.89	0.615	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.85
MAXIMUM DAILY, 18.7 ON MAY 30
MINIMUM DAILY, 0.3248 ON FEB 6
MAXIMUM INSTANTANEOUS,
25.4 AT 21:31 PST ON MAY 30

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 17 48 N
LONG 130 58 35 W
DRAINAGE AREA, 134 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 100	JUL	18 300
FEB	889	AUG	6 000
MAR	1 640	SEP	10 600
APR	9 140	OCT	9 890
MAY	29 000	NOV	8 410
JUN	25 400	DEC	3 230

TOTAL DISCHARGE, 122 000 dam³

MURRAY CREEK AT 216 STREET, LANGLEY - STATION NO. 08MH129

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.053	0.460	0.469	3.36	0.090	0.014	0.005	0.025	0.267	0.010	0.545	0.329	1
2	0.189	0.380	0.483	3.09	0.085	0.018	0.012	0.029	0.230	0.010	1.15	0.277A	2
3	1.24	0.337	0.380	1.04	0.078	0.017	0.009	0.038	0.062	0.018	2.44	---	3
4	1.82	0.295	0.327	0.568	0.073	0.012	0.006	0.035	0.029	0.024	1.32	---	4
5	8.77	0.264	0.308	0.391	0.069	0.012	0.005	0.030	0.020	0.014	0.858	---	5
6	1.47	0.426	0.482	0.300	0.065	0.010	0.004	0.030	0.020	0.015	0.982	---	6
7	8.83	0.733	0.861	0.247	0.185	0.008	0.006	0.024	0.017	0.013	0.677	---	7
8	3.60	0.489	1.25	0.201	0.909	0.006	0.005	0.024	0.015	0.013	0.409	---	8
9	2.10	1.81	2.76	0.238	1.88	0.005	0.005	0.021	0.013	0.013	0.418	---	9
10	8.74	1.06	2.33	0.989	0.527	0.013	0.006	0.018	0.107	0.012	0.553	---	10
11	1.85	2.73	3.22	0.525	0.251	0.010	0.483	0.011	0.118	0.011	0.868	---	11
12	1.78	3.03	0.841	0.384	0.163	0.008	1.03	0.008	0.051	0.009	0.825	---	12
13	3.854	1.81	1.48	0.248	0.113	0.007	1.30	0.010	0.029	0.009	0.801	---	13
14	0.608	0.630	0.958	0.185	0.084	0.006	0.565	0.013	0.021	0.009	3.85	---	14
15	0.489	0.868	0.644	0.152	0.180	0.007	0.338	0.008	0.019	0.009	5.74	---	15
16	0.443	1.87	0.402	0.126	0.116	0.011	0.189	0.010	0.015	0.009	5.88	---	16
17	0.819	3.26	0.311	0.115	0.087	0.110	0.088	0.013	0.013	0.017	4.46	---	17
18	0.826	1.55	0.249	0.102	0.079	0.038	0.084	0.010	0.013	0.014	1.83	---	18
19	1.38	3.31	0.202	0.092	0.084	0.018	0.048	0.007	0.018	0.014	3.36	---	19
20	0.848	2.89	0.178	0.090	0.039	0.012	0.041	0.007	0.014	0.048	2.81	---	20
21	0.831	1.18	0.184	0.095	0.030	0.009	0.032	0.009	0.013	0.137	0.884	---	21
22	0.815	3.43	0.288	0.085	0.022	0.008	0.024	0.008	0.010	0.823	0.803	---	22
23	0.827	2.71	0.240	0.083	0.017	0.018	0.019	0.005	0.010	0.185	0.579	---	23
24	0.821	3.34	0.188	0.358	0.014	0.011	0.015	0.007	0.010	0.121	8.97	---	24
25	0.858	1.41	0.188	0.315	0.011	0.009	0.015	0.008	0.011	0.133	3.43	---	25
26	1.90	0.832	0.140	0.838	0.010	0.008	0.015	0.007	0.033	0.110	8.85	---	26
27	1.40	0.880	0.133	0.289	0.008	0.007	0.037	0.006	0.040	0.128	4.38	---	27
28	0.750	0.831	0.881	0.180	0.008	0.008	0.039	0.014	0.015	0.107	1.17	---	28
29	0.557		2.85	0.129	0.008	0.005	0.028	0.020	0.016	0.083	0.885	---	29
30	0.700		1.32	0.102	0.007	0.005	0.020	0.019	0.012	0.838	0.481	---	30
31	0.599		1.97		0.010		0.015	0.015		0.878		---	31
TOTAL	48.832	41.774	34.942	14.908	5.263	0.431	4.435	0.495	1.285	3.838	86.615	---	TOTAL
MEAN	1.58	1.49	0.795	0.497	0.170	0.014	0.143	0.016	0.043	0.117	2.22	---	MEAN
MAX	8.77	3.43	2.76	3.36	1.88	1.30	1.30	0.039	0.267	0.838	8.97	---	MAX
MIN	0.053	0.264	0.133	0.083	0.005	0.005	0.004	0.005	0.010	0.005	0.408	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 8.87 ON NOV 24
MINIMUM DAILY, 0.004 ON JUL 6
MAXIMUM INSTANTANEOUS,
28.8 AT 17:58 PST ON NOV 24

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 04 21 N
LONG 122 37 27 W
DRAINAGE AREA, 29.2 km²

A - MANUAL GAUGE

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	4 230	JUL	383
FEB	3 810	AUG	42.8
MAR	2 130	SEP	108
APR	1 280	OCT	313
MAY	455	NOV	5 750
JUN	37.2	DEC	---

MURRAY RIVER ABOVE WOLVERINE RIVER - STATION NO. 07FB006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	12.7 B	9.75B	8.60B	9.62B	71.2	246A	121	67.8	32.4	40.0	67.3	16.2B	1
2	12.8 B	9.25B	8.35B	10.1 B	88.3	198	113	85.3	31.7	37.3	59.3	16.1B	2
3	13.1 B	8.75B	8.05B	10.3 B	70.0	151	120	83.9	37.6	36.4	56.9	16.3B	3
4	12.6 B	8.30B	8.20B	10.0 B	73.9	124	118	81.8	58.6	37.7	57.3	17.0B	4
5	12.7 B	8.33B	8.00B	10.2 B	78.6	108	111	65.7	60.2	39.9	54.2	17.4B	5
6	12.0 B	8.72B	8.20B	10.7 B	82.0	116	102	51.4	52.5	39.0	49.3	16.8B	6
7	12.1 B	8.70B	8.04B	10.5 B	84.5	150	117	50.0	57.6	37.0	45.7	14.6B	7
8	11.8 B	8.35B	8.30B	9.70B	108	133	123	48.1	60.9	34.3	42.0	13.8B	8
9	11.3 B	8.10B	9.00B	9.20B	103	136	108	46.4	53.5	32.2	38.5B	13.3B	9
10	10.4 B	8.05B	9.90B	9.30B	89.8	151	95.5	45.9	47.3	31.4	37.8B	13.4B	10
11	10.5 B	8.80B	10.0 B	9.70B	81.2	154	95.7	49.4	41.8	29.5	39.0B	14.0B	11
12	11.8 B	9.15B	9.70B	10.8 B	78.5	131	133	50.4	38.7	28.0	41.0B	14.7B	12
13	11.2 B	9.20B	9.42B	12.0 B	83.2	118	138	48.5	36.6	27.7	33.2B	14.7B	13
14	11.1 B	8.80B	9.55B	14.0 B	84.1	111	134	41.5	40.5	29.8	30.0B	14.3B	14
15	11.2 B	8.25B	9.70B	17.7 B	78.7	107	160	40.5	45.6	31.5	28.7B	13.4B	15
16	10.4 B	7.95B	9.20B	21.9 B	86.7	108	200	37.8	48.3	30.1	28.5B	12.7B	16
17	10.3 B	7.98B	8.75B	25.0 B	107	108	203	43.7	48.7	28.5	24.8B	12.2B	17
18	10.3 B	8.27B	8.45B	29.6	112	105	173	62.3	45.4	27.7	24.0B	12.1B	18
19	10.7 B	9.20B	8.35B	37.1	106	104	147	55.1	41.7	27.4	25.5B	12.3B	19
20	10.8 B	9.24B	8.20B	42.8	122	158	132	48.1	38.6	28.3	25.3B	12.8B	20
21	10.0 B	9.10B	8.03B	50.4	202	147	126	40.2	36.8	29.9	24.5B	13.0B	21
22	8.80B	9.45B	8.42B	60.8	181	128	122	36.8	36.2	32.3	23.7B	12.8B	22
23	8.41B	10.0 B	8.50B	64.8	174	117	110	35.8	36.1	42.5	22.3B	12.4B	23
24	8.15B	10.0 B	8.60B	73.2	171	131	97.7	34.9	36.5	40.5	20.8B	12.1B	24
25	8.15B	9.85B	9.10B	80.3	178	213	92.0	33.8	38.9	37.0	20.2B	12.1B	25
26	8.20B	8.55B	9.25B	77.1	183	173	88.9	31.9	37.3	48.1	20.2B	12.3B	26
27	8.40B	8.42B	8.88B	70.8	158	136	89.6	31.2	59.7	70.4	20.5B	12.2B	27
28	8.00B	8.58B	8.70B	69.0	158	118	81.1	30.6	58.2	81.1	20.1B	12.0B	28
29	8.10B		8.89B	72.7	195	110	77.8	31.9	50.0	52.5	18.6B	12.1B	29
30	8.10B		8.99B	74.4	246	122	73.4	33.8	44.4	47.5	16.8B	11.9B	30
31	8.90B		9.18B		267 A		68.9	32.7		83.9		11.8B	31
TOTAL	327.21	248.97	272.30	1 013.82	3 827.7	4 108	3 873.4	1 403.1	1 355.3	1 178.4	1 025.0	422.6	TOTAL
MEAN	10.6	8.85	8.78	33.8	125	137	118	45.3	45.2	38.0	34.2	13.6	MEAN
MAX	13.1	10.0	10.0	80.3	267	246	203	67.8	60.9	70.4	67.3	17.4	MAX
MIN	8.15	7.95	8.00	9.20	69.3	104	68.9	30.6	31.7	27.4	16.8	11.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 51.8
MAXIMUM DAILY, 267A ON MAY 31
MINIMUM DAILY, 7.95B ON FEB 16
MAXIMUM INSTANTANEOUS,
278 AT 10:40 PST ON MAY 31

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 03 55 N
LONG 121 01 00 W
DRAINAGE AREA, 2 410 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	28 300	JUL	317 000
FEB	21 300	AUG	121 000
MAR	23 500	SEP	117 000
APR	87 500	OCT	102 000
MAY	330 000	NOV	88 500
JUN	355 000	DEC	36 500

TOTAL DISCHARGE, 1 830 000 dam³

MURRAY RIVER NEAR THE MOUTH - STATION NO. 07FB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	22.9B	14.9B	13.1B	14.2B	188E	384	302	154	52.7	78.2	121	20.9B	1
2	22.1B	13.9B	12.8B	14.9B	188E	341	289	148	51.2	89.4	115	20.9B	2
3	22.8B	13.0B	12.5B	15.2B	158E	280	317	143	50.3	84.5	104	21.8B	3
4	22.2B	12.8B	12.8B	15.0B	171E	233	317	138	89.5	84.4	103	22.4B	4
5	22.3B	12.8B	12.6B	15.0B	178E	208	288	125	83.5	70.9	101	22.7B	5
6	22.1B	13.1B	12.7B	15.0B	178E	190	259	111	80.6	70.2	94.1	20.9B	6
7	21.1B	13.2B	12.5B	15.3B	191E	238	287	104	81.3	87.2	87.4	19.0B	7
8	19.7B	12.9B	13.2B	14.8B	211E	235	338	97.8	87.7	82.6	80.3	17.7B	8
9	18.5B	12.6B	14.0B	14.0B	188A	229	300	92.3	91.2	85.2	73.8	17.2B	9
10	18.0B	12.7B	14.9B	14.0B	172	241	267	88.0	80.8	86.8	67.6	17.8B	10
11	18.1B	13.5B	15.2B	14.4B	155	252	244	87.6	71.4	85.6	61.2	18.7B	11
12	18.9B	13.9B	14.6B	15.2B	148	238	230	89.3	64.0	81.9	60.1	19.0B	12
13	18.3B	14.0B	14.4B	15.7B	148	215	288	88.5	60.5	81.4	69.4	19.0B	13
14	17.5B	13.1B	14.5B	19.5B	150	199	367	77.8	58.2	86.2	80.7	18.7B	14
15	17.6B	12.4B	14.8B	24.0B	141	195	592	72.7	59.4	86.8	86.3	17.2B	15
16	17.0B	12.1B	14.1B	30.0B	139	192	800	88.7	78.3	86.8	83.5	16.3B	16
17	16.6B	12.2B	13.3B	38.0B	185	188	522	84.7	81.6	85.5	82.4	15.9B	17
18	16.6B	13.2B	13.0B	47.0B	185	187	448	84.2	78.5	83.1	81.9	15.8B	18
19	17.3B	14.1B	12.9B	60.0B	178	187	372	88.9	73.8	81.8	80.7	16.0B	19
20	17.2B	13.9B	12.8B	75.0B	182	312	328	83.0	87.2	81.2	67.8	16.4B	20
21	15.5B	13.8B	12.9B	100 E	287	327	317	70.3	82.7	82.8	66.8	16.8B	21
22	14.2B	14.0B	13.2B	120 E	287	284	281	62.5	81.5	85.1	38.3	16.8B	22
23	12.9B	14.8B	13.3B	130 E	287	258	264	57.4	81.7	84.1	30.0B	15.9B	23
24	12.6B	15.1B	13.2B	148 E	272	248	240	55.8	82.2	75.6	27.2B	15.5B	24
25	12.7B	14.6B	13.5B	155 E	275	438	232	53.2	82.8	70.8	26.9B	15.5B	25
26	12.9B	13.3B	13.7B	152 E	288	418	253	50.5	82.9	68.7	26.1B	16.0B	26
27	13.3B	12.8B	13.3B	145 E	263	335	280	49.0	78.1	109	26.7B	15.9B	27
28	13.8B	13.1B	13.0B	148 E	243	284	220	47.7	111	122	26.5B	15.8B	28
29	13.9B		13.1B	161 E	276	253	198	51.8	97.0	104	24.5B	15.7B	29
30	14.3B		13.3B	182 E	338	257	182	55.0	85.5	90.6	21.9B	15.4B	30
31	14.9B		13.4B		392		166	54.7		90.9		15.2B	31
TOTAL	537.9	376.2	416.4	1 939.2	6 526	7 851	9 634	2 822.3	2 209.0	2 108.0	1 787.7	548.4	TOTAL
MEAN	17.4	13.4	13.4	64.6	211	262	311	86.6	73.6	87.9	59.9	17.7	MEAN
MAX	22.9	15.1	15.2	182	392	438	800	154	111	122	121	22.7	MAX
MIN	12.6	12.1	12.5	14.0	138	187	166	47.7	50.3	81.2	21.9	15.2	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 190
MAXIMUM DAILY, 800 ON JUL 16
MINIMUM DAILY, 12.1B ON FEB 16
MAXIMUM INSTANTANEOUS,
832 AT 01:05 PST ON JUL 18

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 68 34 16 N
LONG 121 11 19 W
DRAINAGE AREA, 5 620 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	48 500	JUL	832 000
FEB	32 500	AUG	227 000
MAR	35 000	SEP	191 000
APR	188 000	OCT	182 000
MAY	584 000	NOV	155 000
JUN	678 000	DEC	47 400

TOTAL DISCHARGE, 3 180 000 dam³

MURTLE RIVER ABOVE DAWSON FALLS - STATION NO. 08LA004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	11.1B	10.3 B	12.9E	14.5	38.0	178	110	78.2	27.6	25.9	39.8	27.5B	1
2	10.8B	10.1 B	12.7E	14.4	40.4	181	109	75.6	29.7	25.1	40.3	26.1B	2
3	11.0B	9.95B	12.6E	14.3	42.9	180	107	73.1	30.6	24.7	41.3	24.8B	3
4	11.5B	9.90B	12.4E	14.4	45.5	174	105	70.2	30.7	25.1	42.6	23.8B	4
5	11.9B	9.70B	12.3E	14.4	48.3	169	103	66.3	29.9	24.7	43.0	23.0B	5
6	12.2B	9.65B	12.3E	14.4	51.7	162	100	62.9	29.9	23.7	43.1	22.2B	6
7	12.7B	9.68B	12.1E	14.5	55.1	158	97.4	60.5	30.1	23.0	42.7	21.0B	7
8	13.0B	9.70B	12.1E	14.5	60.6	152	94.5	58.7	30.0	22.7	42.4	20.9B	8
9	13.3B	9.70B	12.1E	14.2	61.3	149	92.1	56.9	29.5	22.0	41.8	20.7B	9
10	14.0B	9.65B	12.2E	14.0	61.8	148	88.8	55.2	29.5	21.4	41.3	20.2B	10
11	13.9B	9.70E	12.3E	13.7	61.8	148	90.8	54.4	29.9	21.0	40.8	19.5B	11
12	13.9B	9.80E	12.7E	13.6	62.0	145	117	52.3	29.6	20.7	39.9	19.2B	12
13	13.1B	9.95E	13.1E	13.5	63.2	140	131	50.4	29.8	20.3	39.5	19.2B	13
14	12.4B	10.2 E	13.5E	13.7	64.8	136	134	48.7	29.8	19.7	38.6	18.8B	14
15	12.0B	10.4 E	13.8E	14.0	66.9	133	133	46.9	30.5	19.3	39.2	18.0B	15
16	11.8B	10.7 E	14.1E	14.3	69.8	131	130	45.4	34.3	19.0	40.9	17.4B	16
17	11.7B	10.8 E	14.2E	14.6	74.3	134	125	43.9	34.4	18.7	41.5	16.9B	17
18	11.5B	10.8 E	14.1E	15.1	78.2	142	117	41.9	34.1	18.2	40.3	16.7B	18
19	11.4B	10.9 E	14.0E	17.4	79.1	140	110	40.2	33.2	18.3	39.7	16.1B	19
20	11.2B	11.1 E	13.8E	18.9	81.3	143	105	38.2	32.8	18.7	38.4	15.4B	20
21	11.0B	11.3 E	13.7E	23.9	85.4	139	105	36.8	32.2	19.5	36.9	14.8B	21
22	10.9B	11.5 E	13.7A	26.8	88.7	134	100	35.3	31.7	23.8	35.6	14.6B	22
23	10.8B	11.9 E	13.5	25.9	93.7	132	96.0	33.8	30.9	23.8	34.4	14.4B	23
24	10.8B	11.6 E	13.7	27.1	101	131	93.2	32.4	30.4	23.3	33.6	14.0B	24
25	10.7B	12.0 E	14.0	31.7	111	128	93.2	31.6	29.8	23.3	33.0	13.7B	25
26	10.7B	12.2 E	14.1	32.4	119	122	95.8	30.5	28.9	24.0	32.1	13.8B	26
27	11.0B	12.5 E	14.0	32.0	127	116	93.4	29.7	28.6	30.7	31.5	13.8B	27
28	11.2B	12.8 E	14.1	32.5	136	111	89.7	29.0	28.0	30.0	30.8	13.7B	28
29	11.0B		14.1	33.8	144	108	86.3	28.8	27.2	28.1	29.6	13.9B	29
30	10.8B		14.3	35.9	155	113	83.0	28.1	26.6	29.8	28.8	14.0B	30
31	10.6B		14.6		169		80.1	27.4		36.7		14.1B	31
TOTAL	384.2	298.75	412.9	595.4	2 540.8	4 277	3 215.3	1 483.0	910.3	726.3	1 143.8	582.2	TOTAL
MEAN	11.7	10.7	13.3	19.8	82.0	143	104	47.2	30.3	23.4	38.1	18.1	MEAN
MAX	14.0	12.8	14.6	35.9	169	181	134	78.2	34.4	36.7	43.1	27.5	MAX
MIN	10.5	9.65	12.1	13.5	38.0	108	80.1	27.4	26.6	18.2	28.8	13.7	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 45.2
MAXIMUM DAILY, 181 ON JUN 2
MINIMUM DAILY, 9.65B ON FEB 6
MAXIMUM INSTANTANEOUS,
182 AT 23:47 PST ON JUN 2

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 58 46 N
LONG 120 08 13 W
DRAINAGE AREA, 1 380 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	31 500	JUL	278 000
FEB	25 800	AUG	126 000
MAR	35 700	SEP	78 600
APR	51 400	OCT	62 800
MAY	220 000	NOV	98 800
JUN	370 000	DEC	48 500

TOTAL DISCHARGE, 1 430 000 dam³

MUSKEG RIVER NORTH OF JOANNE LAKE - STATION NO. 08KC003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.645B	0.574B	0.528B	1.12B	12.6	1.07	1.38	1.46	0.631	0.623E	0.813	0.783B	1
2	0.640B	0.573B	0.522B	1.17B	11.8	1.03	1.40	1.40	0.640	0.635E	0.820	0.775B	2
3	0.638B	0.572B	0.520B	1.22B	11.0	1.04	1.59	1.50	0.649	0.650E	0.854	0.765B	3
4	0.635B	0.572B	0.520B	1.22B	10.3	1.08	1.80E	1.63	0.646	0.660E	1.09	0.752B	4
5	0.630B	0.565B	0.520B	1.33B	9.85	1.09	1.70E	1.52	0.654	0.675E	1.14	0.760B	5
6	0.628B	0.562B	0.522B	1.40B	9.44	1.11	1.80E	1.38	0.592	0.695E	1.12	0.757B	6
7	0.625B	0.560B	0.528B	1.50B	9.15	1.09	1.91E	1.27	0.624	0.707E	1.08	0.753B	7
8	0.622B	0.564B	0.537B	1.60B	8.85	1.11	1.80E	1.18	0.622	0.720E	1.07	0.743B	8
9	0.620B	0.553B	0.549B	1.72B	8.24	1.20	1.88	1.08	0.747	0.734E	1.08	0.743B	9
10	0.615B	0.552B	0.560B	1.82B	8.04	1.39	1.87	1.01	0.684A	0.743E	1.06 B	0.742B	10
11	0.610B	0.550B	0.579B	2.00B	7.52	1.41	1.63	0.943	0.652E	0.733E	1.07 B	0.740B	11
12	0.610B	0.548B	0.594B	2.15B	6.57	1.40	1.59	0.837	0.642E	0.708E	1.02 B	0.738B	12
13	0.607B	0.548B	0.609B	2.33B	5.74	1.31	1.80	0.783	0.640E	0.683E	0.940B	0.732B	13
14	0.602B	0.548B	0.625B	2.62B	5.08	1.21	2.47	0.789	0.657E	0.673E	0.900B	0.723B	14
15	0.600B	0.548B	0.642B	2.85B	4.49	1.11	3.72	0.723	0.675E	0.657E	0.920B	0.720B	15
16	0.600B	0.548B	0.670B	3.38B	4.08	1.01	4.18	0.721	0.683E	0.640E	0.980B	0.708B	16
17	0.600B	0.548B	0.695B	3.95B	3.65	0.947	4.03	0.788	0.720E	0.700E	0.940B	0.700B	17
18	0.600B	0.550B	0.710B	4.85B	3.30	0.973	3.38	0.789	0.738E	0.720E	0.978B	0.690B	18
19	0.600B	0.555B	0.738B	5.50B	2.98	1.02	2.77	0.808	0.760E	0.742E	0.980B	0.685B	19
20	0.600B	0.550B	0.765B	8.85	2.73	1.21	2.33	0.772	0.777E	0.765E	0.930B	0.663B	20
21	0.588B	0.548B	0.770B	8.36	2.60	1.30	3.28	0.728	0.742E	0.800E	0.885B	0.680B	21
22	0.587B	0.542B	0.795B	8.55	2.38	1.16	4.72	0.703	0.720E	0.843E	0.855B	0.670B	22
23	0.585B	0.545B	0.820B	10.5	2.18	1.03	5.87	0.888	0.893E	0.893E	0.845B	0.675B	23
24	0.590B	0.550B	0.842B	11.4	1.90	1.19	5.52	0.818	0.875E	0.958A	0.839B	0.672B	24
25	0.585B	0.552B	0.885B	13.0	1.71	1.34	4.11	0.584	0.863E	0.893	0.833B	0.673B	25
26	0.582B	0.548B	0.900B	14.1	1.82	1.40	3.18	0.658	0.855E	0.871	0.827B	0.672B	26
27	0.580B	0.542B	0.930B	14.0	1.39	1.29	2.80	0.833	0.847E	0.860	0.820B	0.668B	27
28	0.579B	0.538B	0.980B	13.6	1.33	1.19	2.28	0.903	0.845E	0.852	0.813B	0.662B	28
29	0.578B		1.00 B	13.3	1.26	1.11	1.88	0.909	0.850E	0.859	0.802B	0.662B	29
30	0.578B		1.03 B	13.1	1.20	1.26	1.84	0.925	0.852E	0.878	0.792B	0.663B	30
31	0.575B		1.08 B		1.10		1.83	0.831		0.888		0.672B	31
TOTAL	18.782	15.480	21.913	171.15	183.78	35.050	81.70	27.778	19.882	23.479	28.218	22.078	TOTAL
MEAN	0.605	0.553	0.707	5.71	5.28	1.17	2.64	0.896	0.662	0.757	0.941	0.712	MEAN
MAX	0.645	0.574	1.08	14.1	12.6	1.41	5.87	1.63	0.822	0.958	1.14	0.783	MAX
MIN	0.575	0.538	0.520	1.12	1.10	0.947	1.38	0.503	0.631	0.623	0.792	0.663	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.72
MAXIMUM DAILY, 14.1 ON APR 25
MINIMUM DAILY, 0.503 ON AUG 28
MAXIMUM INSTANTANEOUS,
14.6 AT 17:55 PST ON APR 25

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 38 19 N
LONG 123 14 14 W
DRAINAGE AREA, 303 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 620	JUL	7 080
FEB	1 240	AUG	2 400
MAR	1 890	SEP	1 720
APR	14 800	OCT	2 030
MAY	14 200	NOV	2 440
JUN	3 030	DEC	1 910

TOTAL DISCHARGE, 54 400 dam³

MUSKWA RIVER NEAR FORT NELSON - STATION NO. 10CD001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	31.7B	20.0B	18.9B	18.9B	247	435	481	701	238	128 E	68.0B	27.1B	1
2	30.3B	20.2B	18.1B	18.9B	208	479	547	650	235	127 A	67.0B	27.5B	2
3	28.9B	20.3B	18.3B	18.6B	181	435	737	610	223	128	65.0B	27.7B	3
4	27.0B	20.1B	18.4B	18.9B	171	371	786	578	217	128	62.0B	27.3B	4
5	25.0B	19.9B	18.4B	19.1B	160	325	709	531	241	125	60.5B	25.7B	5
6	24.0B	19.9B	17.9B	18.6B	144	323	724	476	241	128	57.5B	23.6B	6
7	23.5B	20.0B	18.0B	17.9B	145	295	866	433	267	125	55.7B	21.7B	7
8	23.1B	19.6B	18.3B	17.3B	278	265	807	397	291	120	54.5B	21.0B	8
9	22.4B	19.7B	19.1B	17.2B	451	264	587	366	288	116	52.0B	20.6B	9
10	22.0B	19.9B	20.2B	17.2B	448	316	512	345	242	111	50.7B	20.5B	10
11	21.2B	19.8B	19.5B	18.2B	416	406	483	324	222	103	50.0B	20.6B	11
12	21.0B	19.2B	19.0B	19.9B	380	556	419	348	208	108	48.0B	21.0B	12
13	21.2B	19.0B	18.7B	22.1B	334	577	385	380	194	105	44.0B	20.1B	13
14	21.4B	19.1B	18.6B	27.0B	288	531	354	327	189	102	41.7B	20.2B	14
15	21.4B	19.0B	19.1B	31.0B	267	491	327	308	184	102	41.0B	19.6B	15
16	21.5B	18.3B	19.7B	33.0B	258	474	308	288	177A	98.7	41.3B	18.7B	16
17	22.1B	17.9B	20.0B	36.6B	267	470	294	270	168E	93.7	42.1B	18.5B	17
18	22.4B	18.0B	19.6B	50.0B	251	438	283	327	185A	91.1	40.0B	19.0B	18
19	22.5B	18.0B	18.9B	65.0B	230	359	299	391	180	91.4	38.9B	19.7B	19
20	22.9B	18.7B	18.7B	85.0B	209	1 880	323	366	152	93.4	36.7B	19.3B	20
21	22.7B	19.0B	18.5B	122 B	201	1 430	338	355	148	90.7	34.0B	18.7B	21
22	21.3B	18.4B	17.9B	181 B	198	1 000	470	334	143	90.1	32.9B	18.6B	22
23	20.2B	18.7B	17.7B	270 B	189	830	555	316	140	86.5B	32.6B	19.0B	23
24	19.9B	19.1B	17.5B	370 B	181	753	504	310	139	83.0B	32.6B	18.9B	24
25	19.8B	19.1B	17.4B	420 B	180	697	459	309	138	80.6B	32.9B	19.0B	25
26	19.9B	18.3B	17.3B	400 B	176	651	440	300	137A	80.0B	33.2B	18.8B	26
27	20.2B	17.8B	17.2B	345	169	609	432	288	136E	79.5B	32.3B	18.5B	27
28	20.3B	18.2B	17.1B	307	159	550	1 330	272	135E	74.0B	30.0B	18.1B	28
29	20.3B		17.2B	293	155	512	1 150	259	133E	72.7B	28.5B	18.0B	29
30	19.9B		17.7B	280	179	490	926	248	129E	71.8B	27.0B	18.1B	30
31	19.7B		18.2B		300		777	242		70.7B		18.3B	31
TOTAL	699.7	535.4	570.4	3 581.6	7 408	17 712	17 390	11 657	5 656	3 106.1	1 332.8	843.8	TOTAL
MEAN	22.6	19.1	18.4	119	239	590	561	376	189	100	44.4	20.8	MEAN
MAX	31.7	20.3	20.2	420	451	1 880	1 330	701	291	128	68.0	27.7	MAX
MIN	19.7	17.8	17.1	17.2	144	264	293	242	128	70.7	27.0	18.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 193
MAXIMUM DAILY, 1 880 ON JUN 20
MINIMUM DAILY, 17.1B ON MAR 28
MAXIMUM INSTANTANEOUS,
1 940 AT 15:7B PST ON JUN 20

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 47 18 N
LONG 122 39 33 W
DRAINAGE AREA, 20 300 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	80 500	JUL	1 500 000
FEB	66 300	AUG	1 010 000
MAR	49 300	SEP	483 000
APR	308 000	OCT	266 000
MAY	640 000	NOV	115 000
JUN	1 530 000	DEC	55 800

TOTAL DISCHARGE, 8 070 000 dam³

NADINA LAKE NEAR NORALEE - STATION NO. 08JB007

DAILY WATER LEVEL IN METRES FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.410	0.410	0.335	0.200	0.915	1.250	1.030	0.770	0.590	0.470	0.435	0.485	1
2	0.410	0.400	0.330	0.200	1.020	1.250	1.010	0.775	0.595	0.480	0.445	0.490	2
3	0.410	0.400	0.330	0.195	1.100	1.230	1.000	0.775	0.590	0.450	0.450	0.480	3
4	0.400	0.400	0.320	0.185	1.180	1.200	0.970	0.750	0.590	0.450	0.450	0.475	4
5	0.400	0.395	0.315	0.185	1.220	1.150	0.955	0.745	0.585	0.450	0.444	0.470	5
6	0.400	0.395	0.310	0.150	1.260	1.130	0.940	0.740	0.600	0.450	0.453	0.485	6
7	0.400	0.390	0.305	0.200	1.260	1.120	0.930	0.725	0.590	0.440	0.454	0.470	7
8	0.410	0.385	0.305	0.180	1.280	1.104	0.900	0.715	0.580	0.430	0.480	0.480	8
9	0.400	0.380	0.305	0.180	1.280	1.090	0.890	0.700	0.570	0.430	0.488	0.480	9
10	0.400	0.380	0.310	0.180	1.280	1.090	0.870	0.695	0.580	0.420	0.485	0.480	10
11	0.410	0.380	0.300	0.180	1.240	1.080	0.865	0.700	0.550	0.410	0.480	0.485	11
12	0.420	0.385	0.300	0.180	1.230	1.040	0.855	0.695	0.540	0.410	0.470	0.480	12
13	0.420	0.380	0.292	0.180	1.230	1.020	0.855	0.680	0.545	0.410	0.470	0.485	13
14	0.420	0.390	0.285	0.180	1.250	1.000	0.865	0.670	0.540	0.410	0.480	0.450	14
15	0.430	0.380	0.282	0.185	1.290	0.980	0.885	0.690	0.540	0.400	0.480	0.480	15
16	0.420	0.380	0.280	0.190	1.300	0.970	0.895	0.650	0.540	0.400	0.480	0.450	16
17	0.415	0.375	0.280	0.200	1.300	0.960	0.895	0.650	0.530	0.400	0.485	0.450	17
18	0.420	0.370	0.275	0.205	1.290	0.950	0.885	0.640	0.530	0.400	0.490	0.450	18
19	0.420	0.385	0.270	0.210	1.280	0.940	0.885	0.630	0.520	0.400	0.485	0.450	19
20	0.420	0.380	0.265	0.215	1.270	0.925	0.885	0.625	0.515	0.395	0.490	0.450	20
21	0.420	0.355	0.262	0.220	1.260	0.910	0.870	0.620	0.510	0.395	0.490	0.440	21
22	0.410	0.355	0.250	0.240	1.250	0.900	0.855	0.615	0.500	0.400	0.480	0.435	22
23	0.410	0.350	0.254	0.260	1.280	0.900	0.850	0.610	0.500	0.400	0.485	0.435	23
24	0.410	0.350	0.248	0.290	1.270	0.900	0.835	0.600	0.500	0.395	0.490	0.430	24
25	0.410	0.350	0.240	0.320	1.250	0.990	0.830	0.595	0.490	0.400	0.490	0.425	25
26	0.410	0.340	0.232	0.370	1.230	1.070	0.815	0.580	0.485	0.430	0.485	0.415	26
27	0.410	0.345	0.212	0.445	1.200	1.080	0.800	0.580	0.485	0.430	0.480	0.410	27
28	0.410	0.340	0.212	0.500	1.180	1.070	0.795	0.580	0.485	0.430	0.480	0.400	28
29	0.410		0.208	0.650	1.170	1.080	0.785	0.595	0.480	0.430	0.480	0.395	29
30	0.410		0.200	0.780	1.190	1.080	0.775	0.800	0.480	0.430	0.480	0.390	30
31	0.410		0.200		1.230		0.770	0.800		0.440		0.385	31
MEAN	0.411	0.374	0.275	0.281	1.227	1.048	0.878	0.684	0.537	0.421	0.473	0.445	MEAN
MAX	0.430	0.410	0.335	0.780	1.300	1.250	1.030	0.775	0.800	0.470	0.490	0.490	MAX
MIN	0.400	0.340	0.200	0.150	0.915	0.900	0.770	0.580	0.480	0.395	0.435	0.385	MIN

WATER LEVELS IN METRES

MEAN, 0.585
MAXIMUM DAILY, 1.300 ON MAY 16
MINIMUM DAILY, 0.150 ON APR 6

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - MANUAL
LOCATION - LAT 53 54 15 N
LONG 126 58 15 W

NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

NADINA RIVER AT OUTLET OF NADINA LAKE - STATION NO. 08JB008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.30 B	1.08	1.05 B	1.03	7.59	21.4	10.1	3.47	1.93	1.39	0.950	1.03	1
2	1.26 B	1.08	1.03 B	1.03	16.9	21.4	9.49	3.54	1.86	1.39	0.983	1.03	2
3	1.25 B	1.08	1.02 B	1.00	14.4	20.5	8.74	3.54	1.93	1.34	1.14	1.01 B	3
4	1.21 B	1.08	1.01 B	1.00	16.8	18.5	8.17	3.29	1.02	1.34	1.14	1.01 B	4
5	1.20	1.08	1.00 B	1.00	20.7	16.2	7.85	3.22	1.86	1.34	0.972	1.00 B	5
6	1.20	1.08	0.9908	1.00	21.7	14.8	7.66	3.12	1.94	1.34	1.25	1.00	6
7	1.20	1.08	0.9788	0.529	23.2	14.4	6.82	3.90	1.89	1.35	1.07	1.00 B	7
8	1.20	1.088	0.9668	0.529	23.5	13.7	6.48	3.77	1.86	1.34	1.05	1.00	8
9	0.751	1.08	0.9548	0.529	23.4	13.0	6.10	3.52	1.78	1.00	1.03	0.9808	9
10	0.751	1.08	0.9428	0.529	22.9	13.0	5.84	3.46	1.72	0.981	1.00	0.9708	10
11	1.20	1.08	0.9428	0.529	20.2	12.1	5.39	3.36	1.88	0.981	1.00	0.981	11
12	1.11	1.08	0.9418	0.529	21.4	11.3	5.30	3.32	1.88	0.981	1.00	0.983	12
13	1.11	1.08	0.9418	0.529	21.3	10.5	5.30	3.18	1.89	0.981	1.00	0.983	13
14	1.14	1.08	0.9408	0.529	22.5	9.38	5.84	2.99	1.88	0.981	1.00	1.00	14
15	1.14	1.08	0.9408	0.529	23.4	9.38	5.81	2.85	1.86	0.939	1.00	1.00	15
16	1.14	1.08	0.9408	0.544	23.5	9.29	5.24	2.72	1.88	0.938	1.00	1.00	16
17	1.14	1.07	0.9408	0.544	23.5	9.07	5.07	2.72	1.84	0.939	1.03	1.00 B	17
18	1.14	1.07	0.9408	0.558	22.9	8.85	5.85	2.59	1.86	0.938	1.03	1.00 B	18
19	1.14	1.07	0.9408	0.558	22.9	8.08	5.81	2.48	1.48	0.939	1.03	1.00 B	19
20	1.14	1.07	0.9408	0.558	22.9	7.86	5.74	2.39	1.89	0.917	1.03	1.00 B	20
21	1.14	1.06	0.9458	0.558	23.0	9.80	5.54	2.33	1.49	0.939	1.03	1.00 B	21
22	1.14	1.06	0.9528	0.558	23.0	8.57	5.27	2.20	1.48	0.939	1.03	1.00 B	22
23	1.14 B	1.07	0.9608	0.573	22.7	8.57	5.18	2.10	1.48	0.938	1.03	1.00 B	23
24	1.14 B	1.07	0.983	0.588	22.0	8.57	5.04	2.04	1.49	0.939	1.03	1.00 B	24
25	1.14 B	1.07	1.00	0.805	21.0	9.00	4.49	1.98	1.48	0.939	1.03	1.00 B	25
26	1.14 B	1.07	1.03	0.888	20.5	11.5	4.26	1.93	1.47	0.981	1.03	1.00 B	26
27	1.14 B	1.07	1.03	0.888	18.5	11.8	4.17	1.82	1.44	0.981	1.03	1.00 B	27
28	1.14 B	1.07	1.03	0.730	18.8	11.5	4.04	1.82	1.39	0.939	1.03	1.00 B	28
29	1.11		0.983	2.12	16.5	10.9	3.75	2.01	1.42	0.981	1.03	1.00 B	29
30	1.11		0.983	4.58	17.4	9.85	3.68	2.01	1.42	0.939	1.03	1.00 B	30
31	1.11		1.00		21.2		3.51	2.01		0.981		1.00 B	31
TOTAL	35.192	30.24	30.240	25.251	632.49	353.23	183.03	85.67	48.88	32.884	31.005	30.957	TOTAL
MEAN	1.14	1.08	0.975	0.842	20.4	11.8	5.90	2.76	1.63	1.06	1.03	0.999	MEAN
MAX	1.30	1.09	1.05	4.58	23.5	21.4	10.1	3.90	1.94	1.39	1.25	1.03	MAX
MIN	0.751	1.06	0.940	0.529	7.59	5.57	3.51	1.82	1.39	0.917	0.950	0.981	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.16
MAXIMUM DAILY, 23.5 ON MAY 8
MINIMUM DAILY, 0.529 ON APR 7

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - MANUAL
LOCATION - LAT 53 54 08 N
LONG 126 57 13 W
DRAINAGE AREA, 399 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 040	JUL	15 800
FEB	2 610	AUG	7 400
MAR	2 610	SEP	4 220
APR	2 180	OCT	2 820
MAY	54 600	NOV	2 680
JUN	30 500	DEC	2 670

TOTAL DISCHARGE, 131 000 dam³

NAHATLATCH RIVER BELOW TACHEWANA CREEK - STATION NO. 08MF085

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	21.0	17.1	87.1	195	76.1	72.3	49.1	9.84	42.3	---	1
2	---	---	18.4	16.8	83.0	168	93.3	58.8	47.7	9.47	47.2	---	2
3	---	---	18.0	16.1	85.1	129	83.1	56.1	39.7	9.35	57.9	---	3
4	---	---	16.6	15.5	81.1	113	68.8	45.6	32.6	10.5	57.1A	---	4
5	---	---	15.8	15.0	84.1	98.4	71.9	42.2	27.8	9.70	---	---	5
6	---	---	15.1	15.7	83.4	103	74.4	43.8	28.0	9.48	---	---	6
7	---	---	14.8	15.5	81.5	124	61.8	40.5	25.8	9.74	---	---	7
8	---	---	15.3	15.8	81.7	134	49.4	48.5	21.9	8.38	---	---	8
9	---	---	40.7	17.6	82.4	132	47.5	58.7	19.0	7.88	---	---	9
10	---	---	45.8	15.8	37.8	163	48.5	67.8	20.5	7.77	---	---	10
11	---	---	36.5	15.9	39.0	114	105	61.4	30.8	9.47	---	---	11
12	---	---	31.6	15.3	43.2	92.6	240	50.2	24.4	7.61	---	---	12
13	---	---	28.7	14.8	83.0	86.8	178	44.9	20.4	7.38	---	---	13
14	---	---	25.4	14.8	85.1	85.7	139	48.1	19.2	7.35	---	---	14
15	---	---	23.9	15.4	89.6	103	90.8	42.1	18.0	7.19	---	---	15
16	---	---	21.8	17.8	83.9	97.9	73.8	35.1	18.8	7.08	---	---	16
17	---	21.8A	20.5	21.7	83.6	145	72.2	33.6	18.8	7.08	---	---	17
18	---	24.2	19.4	27.7	89.4	111	76.8	32.1	18.8	7.12	---	---	18
19	---	21.6	18.5	34.1	71.6	78.9	79.5	30.9	16.3	7.14	---	---	19
20	---	21.3	17.9	41.0	87.6	88.2	79.9	29.2	13.8	8.08	---	---	20
21	---	19.5	17.0	41.2	117	88.1	73.7	28.1	13.0	10.1	---	---	21
22	---	18.7	18.7	39.2	125	72.6	88.3	23.8	13.1	23.1	---	---	22
23	---	22.8	18.8	45.2	137	92.6	86.2	24.3	13.5	16.2	---	---	23
24	---	37.8	18.7	80.9	154	94.7	73.1	27.3	14.3	12.0	---	---	24
25	---	37.8	18.3	84.3	167	78.4	70.9	26.8	14.1	11.6	---	---	25
26	---	30.7	18.2	44.0	140	77.4	68.8	24.2	13.7	31.4	---	---	26
27	---	28.7	18.4	38.6	134	84.3	64.8	21.8	14.1	77.0	---	---	27
28	---	23.3	18.2	38.6	158	85.4	67.3	27.0	12.5	30.8	---	---	28
29	---		18.6	47.8	211	84.8	53.8	31.0	11.5	22.4	---	---	29
30	---		17.8	63.2	248	82.7	51.4	30.5	10.8	78.0	---	---	30
31	---		17.4		229		58.8	30.1		88.3		---	31
TOTAL	---	---	851.4	862.1	2 971.6	3 198.8	2 512.7	1 234.5	853.8	585.26	---	---	TOTAL
MEAN	---	---	21.0	28.7	85.9	107	81.1	39.8	21.8	18.2	---	---	MEAN
MAX	---	---	45.8	83.2	248	195	240	72.3	67.7	88.3	---	---	MAX
MIN	---	---	14.8	14.8	37.8	88.1	47.8	21.9	10.8	7.08	---	---	MIN

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 57 15 N
LONG 121 51 40 W
DRAINAGE AREA, 716 km²
A - MANUAL GAUGE

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	217 000
FEB	---	AUG	107 000
MAR	58 300	SEP	58 500
APR	74 500	OCT	48 500
MAY	257 000	NOV	---
JUN	276 000	DEC	---

HAMMIHT LAKE NEAR PORT ALBERNI - STATION NO 08HB080

DAILY WATER LEVEL IN METRES FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	1.744	1.883	1.999	1.467	---	---	---	---	---	---	---	1
2	---	1.855	1.787	2.012	1.488	---	---	---	---	---	---	---	2
3	---	1.677	1.857	1.942	1.452	---	---	---	---	---	---	---	3
4	---	1.515	1.580	1.828	1.439	---	---	---	---	---	---	---	4
5	---	1.462	1.518	1.726	1.417	---	---	---	---	---	---	---	5
6	---	1.429	1.487	1.651	1.411	---	---	---	---	---	---	---	6
7	---	1.458	1.549	1.603	1.544	---	---	---	---	---	---	---	7
8	---	1.443	2.190	1.555	1.626	---	---	---	---	---	---	---	8
9	---	1.483	4.279	1.505	1.596	---	---	---	---	---	---	---	9
10	---	1.896	3.510	1.482	1.542	---	---	---	---	---	---	---	10
11	---	3.995	2.935	1.422	1.501A	---	---	---	---	---	---	---	11
12	---	4.889	2.587	1.387	---	---	---	---	---	---	---	---	12
13	2.884A	3.958	2.507	1.361	---	---	---	---	---	---	---	---	13
14	2.631	3.247	2.590	1.322	---	---	---	---	---	---	---	---	14
15	2.137	2.898	2.410	1.298	---	---	---	---	---	---	---	---	15
16	1.937	2.727	2.148	1.283	---	---	---	---	---	---	---	---	16
17	1.908	2.896	1.945	1.288	---	---	---	---	---	---	---	---	17
18	2.921	2.928	1.800	1.302	---	---	---	---	---	---	---	---	18
19	3.257	2.574	1.687	1.334	---	---	---	---	---	---	---	---	19
20	2.763	2.542	1.604	1.368	---	---	---	---	---	---	---	---	20
21	2.346	2.341	1.538	1.371	---	---	---	---	---	---	---	---	21
22	2.088	2.339	1.489	1.366	---	---	---	---	---	---	---	---	22
23	1.890	2.989	1.470	1.389	---	---	---	---	---	---	---	---	23
24	1.857	3.328	1.478	1.383	---	---	---	---	---	---	---	---	24
25	2.342	2.785	1.458	1.427	---	---	---	---	---	---	---	---	25
26	2.851	2.443	1.441	1.438	---	---	---	---	---	---	---	---	26
27	2.823	2.248	1.484	1.434	---	---	---	---	---	---	---	---	27
28	2.517	2.045	1.584	1.414	---	---	---	---	---	---	---	---	28
29	2.199		1.707	1.418	---	---	---	---	---	---	---	---	29
30	1.992		2.048	1.438	---	---	---	---	---	---	---	---	30
31	1.862		2.084		---		---	---		---		---	31
MEAN	---	2.451	1.979	1.489	---	---	---	---	---	---	---	---	MEAN
MAX	---	4.889	4.279	2.012	---	---	---	---	---	---	---	---	MAX
MIN	---	1.439	1.441	1.283	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 07 22 N
LONG 124 59 24 W
DATA CONTRIBUTED BY -
BRITISH COLUMBIA MINISTRY OF ENVIRONMENT

A - MANUAL GAUGE

NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

NANAIMO RIVER NEAR CASSIDY - STATION NO 08HB034

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	21.9	35.8	43.7	54.1	22.6	18.8	10.2	5.88	9.77	5.28	28.3	37.4	1
2	24.8	31.0	37.4	55.8	23.0	16.8	10.5	5.42	11.3	5.40	41.0	31.2	2
3	29.9	27.5	32.0	51.5	21.0	15.1	9.77	5.13	9.84	5.89	97.0	28.9	3
4	37.8	25.0	28.1	43.7	19.4	13.8	9.23	4.71	9.17	6.02	118	24.2	4
5	49.9	22.4	25.9	36.1	18.1	12.9	8.67	4.51	8.72	8.34	92.5	21.7	5
6	52.8	21.1	24.8	31.1	16.8	12.4	8.28	5.32	8.58	7.58	103	19.6	6
7	88.7	20.8	30.8	27.9	17.8	12.0	7.97	5.64	8.28	9.38	95.7	18.1	7
8	247	19.2	71.0	25.0	20.1	12.1	8.00	5.63	7.77	10.4	88.1	24.6	8
9	170	22.5	368	23.2	19.8	12.3	7.92	5.72	7.35	10.2	85.4	36.7	9
10	213	36.7	275	21.8	17.8	18.5	7.61	5.81	8.28	9.55	80.7	37.1	10
11	184	402	171	20.3	16.2	28.5	16.8	5.98	10.2	9.03	240	41.2	11
12	160	635	110	18.6	15.8	27.4	74.6	5.94	9.78	8.70	232	43.5	12
13	119	358	114	18.7	16.2	21.1	88.5	5.45	9.54	8.51	176	61.4	13
14	81.3	204	185	18.5	18.0	18.9	48.5	5.33	9.15	8.41	163	65.8	14
15	57.8	143	167	14.7	18.8	15.1	37.0	5.21	8.43	8.15	638	56.8	15
16	44.1	137	86.8	14.1	18.5	13.8	27.7	5.11	7.87	8.15	527	45.5	16
17	36.2	205	64.3	13.8	17.6	13.8	21.2	5.08	7.22	8.37	366	38.7	17
18	65.2	250	48.4	14.5	17.1	14.5	16.8	5.02	7.47	8.58	285	30.2	18
19	87.8	181	38.5	16.1	17.2	14.9	14.4	4.88	7.83	8.69	183	26.2	19
20	77.8	188	33.8	18.4	18.8	14.8	13.1	5.03	7.11	9.71	131	22.6	20
21	67.3	130	28.8	18.1	21.5	13.5	11.8	5.23	6.76	12.8	88.3	19.0	21
22	63.8	117	26.8	18.3	21.8	12.4	10.7	5.32	6.51	36.8	84.9	18.88	22
23	57.4	203	24.8	17.3	22.4	12.0	9.84	5.42	6.24	42.4	82.4	18.08	23
24	41.8	200	21.8	18.5	23.2	12.1	8.84	5.85	6.08	32.3	73.0	18.58	24
25	76.8	124	20.3	23.0	23.8	11.9	8.18	5.87	5.87	25.5	77.8	18.08	25
26	177	81.7	18.4	23.0	21.8	12.2	7.44	5.89	5.82	20.9	87.7	14.5	26
27	198	85.1	18.8	20.8	18.3	12.0	7.28	5.84	5.88	20.3	82.8	14.1	27
28	120	82.8	18.8	18.8	18.0	11.4	7.98	5.85	5.88	21.2	72.4	13.5	28
29	74.7		27.8	18.3	21.8	11.2	7.20	7.00	5.48	18.0	57.9	13.2	29
30	64.1		50.8	18.8	24.1	10.5	6.89	6.28	5.40	20.8	45.9	14.8	30
31	42.5		82.1		21.7		6.28	5.28		27.2		27.1	31
TOTAL	2 745.2	3 936.4	2 283.1	730.8	611.7	444.3	520.88	175.28	233.01	443.27	4 458.5	891.8	TOTAL
MEAN	88.6	140	73.8	24.4	19.7	14.8	16.8	5.65	7.77	14.3	149	28.8	MEAN
MAX	247	635	368	55.8	24.1	28.5	74.6	6.28	11.3	42.4	638	65.8	MAX
MIN	21.9	18.2	18.4	13.8	16.8	10.5	6.28	4.51	5.40	5.28	28.3	13.2	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 67.8
MAXIMUM DAILY, 638 ON NOV 15
MINIMUM DAILY, 4.51 ON AUG 5
MAXIMUM INSTANTANEOUS,
870 AT 22:15 PST ON NOV 15

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 04 07 N
LONG 123 53 13 W
DRAINAGE AREA, 884 km²

B - ICE CONDITIONS

REGULATED SINCE 1983

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	237 000	JUL	45 000
FEB	339 000	AUG	15 100
MAR	197 000	SEP	20 100
APR	63 100	OCT	38 300
MAY	53 000	NOV	385 000
JUN	38 400	DEC	77 000

TOTAL DISCHARGE, 1 910 000 dam³

HANIKA RIVER AT OUTLET OF KIDPRICE LAKE - STATION NO. 08ED001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.41B	5.32B	4.26B	3.31E	11.2E	125	55.2	29.5	21.9	22.2E	19.5 A	8.73	1
2	5.37B	5.27B	4.22B	3.30E	14.0E	121	52.9	28.8	21.9	21.9E	17.8	8.40	2
3	5.33B	5.22B	4.18B	3.29E	16.0E	113	50.1	29.0	22.3	21.6E	18.0	8.07	3
4	5.29B	5.17B	4.14B	3.28E	17.5E	99.0	47.2	29.0A	22.8	21.1E	18.3	7.91	4
5	5.25B	5.12B	4.10B	3.27E	19.5E	89.0	45.5	28.4E	23.1	20.5E	18.0	7.61	5
6	5.24B	5.07B	4.05B	3.25E	21.5E	86.8	42.2	28.0E	23.1	20.1E	17.5	7.56	6
7	5.23B	5.02B	4.00B	3.24E	23.2E	86.2	39.2	27.5E	22.7	19.6E	17.3	7.25	7
8	5.22B	4.98B	3.95B	3.23E	24.5E	81.6	38.4	27.0E	22.1	19.3E	16.3	7.12	8
9	5.21B	4.94B	3.90B	3.22E	25.7E	80.5	34.3	26.4E	21.5	18.9E	15.4	6.92	9
10	5.20B	4.90B	3.85B	3.21E	26.5E	77.8	33.4	26.2E	21.2	18.7E	14.9	6.73	10
11	6.25B	4.86B	3.82B	3.21E	27.5E	73.5	34.8	26.4E	20.9	18.3E	14.8	6.54	11
12	6.60B	4.82B	3.78B	3.20E	29.0E	68.7	35.8	27.0E	20.5	18.0E	14.8	6.79	12
13	6.94B	4.78B	3.76B	3.19E	33.0E	66.3	35.6	27.1E	20.1	17.6E	14.3	6.83	13
14	6.80B	4.74B	3.74B	3.18E	39.0E	63.5	37.3	26.8E	19.7	17.4E	14.1	6.79	14
15	6.60B	4.70B	3.72B	3.18E	44.0E	63.3	38.0	26.3E	19.1	17.0E	14.0	6.71	15
16	6.50B	4.67B	3.69B	3.19E	49.0E	63.9	38.5	25.4E	18.8	16.8E	13.8	6.54	16
17	6.40B	4.64B	3.66B	3.21E	54.5E	61.2	38.9	25.0E	18.2	16.6E	13.6	6.32	17
18	6.30B	4.61B	3.64B	3.28E	57.6A	57.6	39.6	25.0E	17.9	16.4E	13.4	6.10	18
19	6.20B	4.58B	3.62B	3.38E	55.9	54.2	40.5	25.0E	17.4	16.2E	12.7	5.91	19
20	6.10B	4.55B	3.60B	3.45E	55.7	50.7	40.9	25.0E	17.0	15.9E	12.1	5.80	20
21	6.02B	4.52B	3.57B	3.57E	78.1	48.6	40.3	25.3E	16.8	15.8E	11.5	5.70	21
22	5.94B	4.49B	3.54B	3.70E	79.8	49.4	38.4	24.8E	16.5	15.7E	10.9	5.59	22
23	5.86B	4.46B	3.51B	3.85E	80.9	53.7	36.3	24.2E	16.6	15.6E	10.9	5.38	23
24	5.78B	4.43B	3.48B	4.05E	82.6	62.8	34.6	23.7E	16.6	15.5E	10.8	5.24	24
25	5.70B	4.40B	3.45B	4.60E	84.2	77.9	32.5	23.3E	16.6	15.8E	10.7	5.16	25
26	5.64B	4.37B	3.43B	5.25E	82.3	77.0	30.9	22.8E	20.6	16.5E	10.5	5.09	26
27	5.58B	4.34B	3.41B	6.10E	77.6	68.9	29.2	22.6E	23.2	17.1E	10.3	5.02	27
28	5.52B	4.30B	3.39B	7.20E	76.6	62.9	28.1	23.4E	23.3E	17.0E	9.85	4.94	28
29	5.46B		3.37B	8.50E	88.3	59.3	27.5	22.2E	23.1E	16.8E	9.37	4.87	29
30	5.40B		3.35B	9.70E	109	57.0	27.5	22.0A	22.8E	17.0E	9.00	4.85	30
31	5.37B		3.34B		125		28.9	22.0		17.8E		4.95	31
TOTAL	189.71	133.27	115.52	121.59	1 621.6	2 200.3	1 170.9	797.0	609.5	555.0	414.42	197.48	TOTAL
MEAN	6.12	4.76	3.73	4.05	52.3	73.3	37.8	25.7	20.3	17.9	13.8	6.37	MEAN
MAX	6.84	5.32	4.26	9.70	125	125	55.2	29.5	23.3	22.2	19.5	8.73	MAX
MIN	5.37	4.30	3.33	3.18	11.2	48.6	27.5	22.0	16.8	15.5	9.00	4.87	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 22.3
MAXIMUM DAILY, 125 ON MAY 31
MINIMUM DAILY, 3.18E ON APR 14
MAXIMUM INSTANTANEOUS,
127 AT 12:38 PST ON MAY 31

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 55 50 N
LONG 127 27 10 W
DRAINAGE AREA, 741 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	16 400	JUL	101 000
FEB	11 500	AUG	68 900
MAR	9 880	SEP	52 700
APR	10 500	OCT	48 000
MAY	140 000	NOV	35 800
JUN	190 000	DEC	17 100

TOTAL DISCHARGE, 702 000 dam³

NASS RIVER ABOVE SHUMAL CREEK - STATION NO. 08DB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	83.0B	100 B	142	153	1 140	3 240	1 510	1 400	1 090	878	636	179	1
2	82.8B	99.0B	138	156	1 140	3 120	1 490	1 380	1 060	876	584	170 B	2
3	82.5B	98.0B	136	162	1 120	3 740	1 440	1 280	1 180	871	539	180 B	3
4	82.2B	97.0B	133	173	1 080	2 700	1 530	1 170	1 310	700	545	151 B	4
5	82.0B	96.0B	128	200	982	1 990	1 490	1 070	1 220	704	522	142 B	5
6	86.0B	95.8B	119	286	906	1 630	1 380	1 020	1 070	864	480	137 B	6
7	100 B	96.2B	117	321	920	1 450	1 300	970	994	813	443	132 B	7
8	114 B	96.8B	117	300	993	1 440	1 310	935	889	672	417	127 B	8
9	115 B	94.4B	121	265	966	1 540	1 270	817	788	540	385	122 B	9
10	113 B	94.0B	123	245	930	1 720	1 300	861	889	808	380	117 B	10
11	110 B	95.0B	123	229	974	1 740	1 330	883	824	673	344	113 B	11
12	107 B	98.0B	123	214	1 040	1 800	1 280	936	585	451	333	109 B	12
13	105 B	101	124	206	1 140	1 640	1 220	818	594	418	323	105 B	13
14	103 B	109	128	201	1 320	1 480	1 180	935	618	390	311	101 B	14
15	101 B	113	133	208	1 500	1 450	1 110	910	603	383	297	99.0B	15
16	99.0B	118	141	226	1 570	1 660	1 120	1 020	582	338	294	98.8B	15
17	101 B	118	148	255	1 440	1 870	1 180	1 180	558	325	301	94.8B	17
18	102 B	117	150	293	1 280	1 480	1 210	1 180	513	322	308	92.4B	18
19	101 B	118	154	320	1 070	1 880	1 270	1 080	470	358	299	90.2B	19
20	100 B	118	158	308	1 280	1 780	1 280	1 180	443	398	294	88.0B	20
21	98.0B	113	157	302	1 630	1 780	1 240	1 070	480	432	258	86.4B	21
22	96.0B	114	154	328	1 480	1 630	1 280	994	498	513	227	84.8B	22
23	94.5B	118	149	361	1 380	1 850	1 200	948	535	536	221	83.2B	23
24	93.0B	127	145	418	1 330	1 850	1 090	823	586	481	238	81.8B	24
25	94.0B	138	142	535	1 290	1 870	1 030	970	1 070	540	238	80.0B	25
26	98.0B	144	140	892	1 230	1 830	1 020	1 040	1 640	889	231	78.8B	26
27	104 B	145	140	810	1 050	1 820	1 050	1 090	1 270	805	227	77.6B	27
28	105 B	144	141	903	1 040	1 610	1 280	1 250	985	641	223	76.4B	28
29	104 B		134	1 040	1 400	1 500	1 210	1 270	830	582	215	75.2B	29
30	103 B		133	1 150	2 380	1 470	1 180	1 200	735	859	198	74.0B	30
31	102 B		143		3 250		1 220	1 110		788		73.0B	31
TOTAL	3 081.0	3 103.0	4 227	11 241	40 131	55 990	38 670	33 249	24 523	18 716	10 255	3 297.0	TOTAL
MEAN	98.7	111	136	375	1 290	1 870	1 250	1 070	817	539	342	106	MEAN
MAX	115	145	157	1 150	3 250	3 740	1 530	1 400	1 640	859	636	179	MAX
MIN	82.0	94.0	117	183	906	1 440	1 020	910	443	322	198	73.0	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 870
MAXIMUM DAILY, 3 740 ON JUN 3
MINIMUM DAILY, 73.0B ON DEC 31
MAXIMUM INSTANTANEOUS,
3 930 AT 07:45 PST ON JUN 3

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 12 50 N
LONG 129 05 20 W
DRAINAGE AREA, 19 200 km²
B - ICE CONDITIONS
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	284 000	JUL	3 380 000
FEB	288 000	AUG	2 870 000
MAR	366 000	SEP	2 120 000
APR	871 000	OCT	1 440 000
MAY	3 470 000	NOV	886 000
JUN	4 840 000	DEC	285 000

TOTAL DISCHARGE, 21 100 000 dam³

NATION RIVER NEAR FORT ST. JAMES - STATION NO. 07ED001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	18.1B	15.5B	13.3B	14.2B	69.2	196	113	82.2	32.8	24.7	20.1	16.2B	1
2	18.0B	15.4B	13.2B	14.3B	76.6	195	114	78.6	31.9	23.9	21.0	16.0B	2
3	17.8B	15.3B	13.2B	14.3B	86.9	194	114	74.5	31.7	24.0	22.1	17.6B	3
4	17.6B	15.2B	13.2B	14.4B	94.5	193	115	73.1	31.9	24.4	21.9	17.2B	4
5	17.5B	15.1B	13.1B	14.4	101	190	115	71.7	30.4	23.7	22.4	16.9B	5
6	17.5B	15.0B	13.1B	14.7	106	187	114	70.8	28.5	23.5	21.8	16.5B	6
7	17.4B	14.9B	13.0B	14.7	114	183	116	69.2	28.2	22.8	22.3	16.2B	7
8	17.3B	14.8B	13.0B	14.8	122	179	121	67.2	27.9	22.0	21.6	15.9B	8
9	17.2B	14.7B	13.1B	14.4	130	175	125	65.6	27.4	22.2	21.7	15.6B	9
10	17.2B	14.8B	13.1B	14.2	134	170	126	63.8	27.2	21.7	21.2	15.7B	10
11	17.2B	14.8B	13.1B	14.6	135	164	125	62.1	27.3	21.1	21.6	15.7B	11
12	17.1B	14.8B	13.2B	14.7	138	158	124	60.2	27.2	20.4	21.7	15.6B	12
13	17.1B	14.8B	13.3B	14.8	139	153	123	57.5	27.6	19.8	21.2	15.6B	13
14	17.0B	14.8B	13.3B	14.8	145	149	123	55.6	28.1	19.5	21.5	15.2B	14
15	17.0B	14.7B	13.3B	14.8	151	142	123	53.3	28.6	19.3	21.9	15.0B	15
16	17.0B	14.6B	13.4B	14.7	159	136	122	51.7	28.4	18.9	20.9	14.7B	16
17	17.0B	14.5B	13.5B	14.7	168	131	120	50.8	28.2	19.2	20.9	14.4B	17
18	17.0B	14.3B	13.5B	14.8	175	128	118	48.9	28.1	19.2	20.7	14.1B	18
19	17.0B	14.2B	13.5B	15.2	178	124	116	47.9	28.0	19.0	20.6B	13.9B	19
20	17.0B	14.1B	13.5B	15.7	182	123	113	46.6	28.3	18.6	20.6B	13.7B	20
21	17.0B	14.0B	13.6B	16.6	186	123	113	45.2	27.5	18.5	20.3B	13.5B	21
22	16.9B	13.9B	13.6B	17.6	190	122	112	43.4	27.2	19.5	19.9B	13.3B	22
23	16.8B	13.8B	13.5B	19.1	193	121	111	42.6	27.3	19.7	19.8B	13.2B	23
24	16.7B	13.7B	13.6B	21.1	194	116	110	42.1	27.1	19.6	19.5B	13.1B	24
25	16.6B	13.5B	13.6B	25.7	195	116	107	39.9	26.9	19.7	19.3B	13.0B	25
26	16.4B	13.4B	13.7B	30.9	196	116	103	38.4	27.2	19.6	19.2B	12.9B	26
27	16.2B	13.4B	13.7B	36.6	194	115	99.8	37.2	26.8	19.6	19.1B	12.8B	27
28	16.0B	13.3B	13.8B	42.5	192	115	96.6	35.2	25.9	19.7	19.0B	12.7B	28
29	15.8B		14.0B	51.0	190	115	93.5	33.1	25.1	19.6	18.7B	12.7B	29
30	15.7B		14.1B	60.2	190	114	88.7	33.3	24.7	20.6	18.6B	12.7B	30
31	15.6B		14.2B		193		86.0	32.8		20.9		12.7B	31
TOTAL	525.7	405.3	416.4	815.0	4 722.4	4 442	3 500.7	1 675.0	843.5	648.1	621.5	488.4	TOTAL
MEAN	17.0	14.5	13.4	20.5	152	148	113	54.0	28.1	20.8	20.7	14.8	MEAN
MAX	18.1	15.5	14.2	60.2	196	196	126	82.2	32.8	24.7	22.4	16.2	MAX
MIN	15.6	13.3	13.0	14.2	69.2	114	86.0	32.8	24.7	18.6	18.6	12.7	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 51.7
MAXIMUM DAILY, 196 ON MAY 26
MINIMUM DAILY, 12.7B ON DEC 28
MAXIMUM INSTANTANEOUS,
196 AT 20:22 PST ON MAY 26

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 12 00 N
LONG 124 14 00 W
DRAINAGE AREA, 4 350 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	48 400	JUL	302 000
FEB	38 000	AUG	145 000
MAR	38 000	SEP	72 900
APR	53 100	OCT	55 800
MAY	408 000	NOV	53 700
JUN	384 000	DEC	39 600

TOTAL DISCHARGE, 1 630 000 dam³

NATION RIVER NEAR THE MOUTH - STATION NO. 07ED003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	26.4B	22.5B	19.5B	20.6B	160	240	136	103	38.3	38.7E	33.1E	25.3B	1
2	26.2B	22.3B	19.4B	21.2B	165	237	137	99.1	35.1	38.3E	34.5E	24.9B	2
3	26.0B	22.2B	19.3B	21.7B	172	233	139	95.3	34.6	38.0E	35.0E	24.5B	3
4	25.6B	22.0B	19.2B	22.1B	178	233	143	94.8	34.5	37.2E	35.1E	24.0B	4
5	25.4B	21.8B	19.1B	22.5B	184	227	142	90.4	33.8	36.6E	36.0E	23.7B	5
6	25.2B	21.6B	19.0B	23.1B	192	220	142A	86.3	32.8	36.0E	36.3E	23.2B	6
7	25.1B	21.4B	19.0B	23.8B	198	211	146E	82.0	32.5	33.5E	33.6E	22.9B	7
8	25.0B	21.3B	19.0B	24.4B	213	201	152E	78.3	33.9	33.0E	33.0E	22.6B	8
9	25.0B	21.2B	19.0B	25.1B	224	192	156E	75.1	33.4	32.6E	32.2E	22.3B	9
10	24.9B	21.2B	18.9B	25.9B	221	183	157E	71.8	32.8	32.0E	31.6E	21.9B	10
11	24.8B	21.2B	18.8B	26.7B	218	178	156	68.9	31.8	31.5E	31.0E	21.6B	11
12	24.9B	21.2B	18.8B	27.6B	216	175	155	66.0	31.7	31.0E	30.4E	21.5B	12
13	24.6B	21.2B	18.7B	29.2B	217	168	151	62.0	32.3	30.5E	30.1E	21.3B	13
14	24.6B	21.2B	18.7B	30.5B	221	162	150	59.2	34.1	29.7E	30.2E	21.1B	14
15	24.7B	21.1B	18.6B	31.9B	226	155	173	56.6	35.6A	29.0E	31.0E	20.8B	15
16	24.7B	21.0B	18.4B	33.0B	235	148	173	55.0	36.2E	28.0E	32.8E	20.5B	16
17	24.7B	20.8B	18.3B	34.9B	246	141	166	54.3	36.4E	27.5E	33.0E	20.0B	17
18	24.6B	20.7B	18.4B	36.7B	261	136	158	53.4	36.5E	27.6E	32.2E	19.6B	18
19	24.5B	20.6B	18.5B	38.5B	262	140	151A	51.4	36.2E	27.9E	31.0E	19.3B	19
20	24.3B	20.3B	18.6B	43.0B	264	148	149E	51.3	36.0E	28.6E	30.2E	19.2B	20
21	24.2B	20.1B	18.7B	47.0B	260	148	143E	50.0	35.8E	29.5E	29.2E	19.0B	21
22	24.1B	20.0B	18.6B	55.4	262	145	142E	47.8	35.6E	30.3E	28.4E	18.8B	22
23	24.1B	19.9B	18.8B	62.7	264	139	141E	46.1	35.0E	31.3E	27.7B	18.5B	23
24	24.0B	19.8B	18.8B	78.6	262	138	139E	44.2	34.8E	33.0E	27.2B	18.3B	24
25	24.0B	19.8B	19.0B	96.6	261	150	138E	43.0	34.6E	33.0E	26.9B	18.2B	25
26	23.8B	19.7B	19.1B	107	258	154	133	41.4	34.4E	32.2E	26.8B	18.1B	26
27	23.5B	19.7B	19.3B	114	250	149	129	40.2	34.5E	31.8E	26.6B	18.0B	27
28	23.2B	19.7B	19.5B	125	244	144	123	39.0	35.0E	31.2E	26.2B	17.9B	28
29	23.0B		19.9B	142	241	139	118	38.4	35.0E	31.3E	26.0B	17.8B	29
30	22.9B		20.0B	153	241	138	114	38.1	35.4E	31.7E	25.6B	17.7B	30
31	22.7B		20.2B		241		108	37.1		32.2E		17.9B	31
TOTAL	761.8	585.5	589.6	1 544.1	7 027	5 186	4 467	1 823.7	1 038.5	982.5	918.8	660.4	TOTAL
MEAN	24.6	20.9	19.0	51.5	227	173	144	62.1	34.6	31.7	30.7	20.7	MEAN
MAX	26.4	22.5	20.2	153	264	240	173	103	36.5	38.7	35.1	25.3	MAX
MIN	22.7	19.7	18.3	30.8	160	130	108	37.1	31.7	27.5	25.5	17.7	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 70.3
MAXIMUM DAILY, 264 ON MAY 23
MINIMUM DAILY, 17.7B ON DEC 30
MAXIMUM INSTANTANEOUS,
267 AT 20:20 PST ON MAY 23

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 28 05 N
LONG 133 38 58 W
DRAINAGE AREA, 8 720 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	65 600	JUL	388 000
FEB	50 600	AUG	186 000
MAR	50 800	SEP	89 700
APR	133 000	OCT	84 900
MAY	897 000	NOV	79 500
JUN	446 000	DEC	55 300

TOTAL DISCHARGE, 2 210 000 dam³

NAUTLEY RIVER NEAR FORT FRASER - STATION NO 08JB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	8.10E	8.85B	8.28B	8.82	18.3	32.1	31.9	40.4A	20.9	14.3	9.19	8.625	1
2	7.85E	8.83B	8.23B	7.12	19.9	31.6	32.5	41.4A	20.9	14.4	8.42	8.589	2
3	7.80E	8.82B	8.22B	9.43	20.7	31.3	32.8	39.6A	20.9	13.9	8.84	8.548	3
4	7.74E	8.81B	8.21B	7.82	21.9	70.6	32.7	38.6A	21.4	13.9	10.1	8.498	4
5	7.62E	8.80B	8.20B	7.58	23.7	30.3	33.1	38.7	19.9	13.5	9.17	8.459	5
6	7.58E	8.78B	8.20B	7.99	25.1	30.7	33.3	38.5	18.8	13.4	8.47	8.408	6
7	7.42E	8.76B	8.20B	8.84	26.6	30.4	32.8	37.3	19.1	13.0	8.81	8.368	7
8	7.37E	8.76B	8.19B	8.41	28.7	30.0	32.9	36.2	18.7	12.8	8.33	8.259	8
9	7.34E	8.74B	8.19B	8.02	30.1	30.6	32.6	35.5	18.5	12.8	8.93	8.209	9
10	7.30E	8.72B	8.18B	8.02	31.2	31.3	32.9	34.7	18.22	13.2	8.89	8.158	10
11	7.26E	8.70B	8.16E	8.17	32.7	31.8	33.0	34.1	18.1E	12.4	8.31	8.058	11
12	7.24E	8.68B	8.14E	8.15	33.8	31.8	34.2	32.4A	17.9E	12.1	8.27	7.958	12
13	7.22E	8.65B	8.12E	7.93	33.8	31.6	35.9	31.3E	17.5E	12.2	8.31	7.858	13
14	7.20E	8.63B	8.10E	7.84	34.7	31.6	36.7	30.2A	17.4E	12.1	8.12	7.825	14
15	7.20B	8.60B	8.08E	8.25	36.2	32.2	37.8	29.3	17.1E	11.3	8.28	7.805	15
16	7.18B	8.58B	8.06E	8.27	36.5	31.5	38.0	28.3	16.9E	11.2	8.38	7.805	16
17	7.12B	8.56B	8.05E	7.97	36.5	31.5	38.4	28.0	16.8E	11.8	8.34	7.805	17
18	7.08B	8.57B	8.04E	8.14	36.4	32.4	40.5	27.5	16.5	11.1	8.84	7.788	18
19	7.07B	8.58B	8.02E	8.48	36.4	32.8	41.4	27.7	16.3	11.0	8.41	7.738	19
20	7.05B	8.55B	8.00E	8.88	36.8	31.3	41.1	26.6	16.1	10.9	8.21	7.708	20
21	7.04B	8.50B	8.00E	9.67	36.2	30.6	41.1	25.1	15.5	10.7	8.06	7.628	21
22	7.02B	8.45B	8.98E	10.3	35.8	30.3	41.2	25.6	15.5	11.3	8.10	7.558	22
23	7.00B	8.40B	8.98E	10.8	35.7	30.5	41.2	25.1	15.1A	11.3	8.00	7.408	23
24	8.98B	8.38B	8.98E	11.1	35.4	30.9	41.2	24.5	15.0E	10.6	8.65	7.358	24
25	8.95B	8.30B	8.98E	11.5	35.2	30.8	41.4	23.9	15.0E	10.3	8.60	7.308	25
26	8.95B	8.30B	8.95E	12.8	34.6	31.0	41.0	23.4	14.9E	10.3	8.78B	7.258	26
27	8.94B	8.30B	8.92	13.8	33.6	31.2	40.3	22.8	14.8E	10.1	8.75B	7.208	27
28	8.93B	8.30B	8.95	14.9	33.3	31.3	40.5	22.2	14.7E	9.91	8.72B	7.158	28
29	8.92B		8.98	15.6	32.8	31.5	41.4A	22.1	14.4A	9.85	8.68B	7.108	29
30	8.91B		8.38	17.0	32.0	32.0	41.4A	21.8	14.3	9.88	8.65B	7.058	30
31	8.90B		8.84		32.2		40.4A	21.2		9.70		7.008	31
TOTAL	224.38	184.94	185.78	287.81	977.0	937.3	1 158.0	937.3	519.1	384.74	275.41	242.24	TOTAL
MEAN	7.24	8.61	8.12	9.58	31.5	31.2	37.4	30.2	17.3	11.8	8.18	7.81	MEAN
MAX	8.10	8.85	8.84	17.0	36.8	32.8	41.4	41.4	21.4	14.4	10.1	8.82	MAX
MIN	6.90	8.30	8.92	8.82	18.3	30.0	31.9	21.2	14.3	9.85	8.85	7.00	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 17.3
MAXIMUM DAILY, 41.4 ON JUL 19
MINIMUM DAILY, 5.92 ON MAR 27
MAXIMUM INSTANTANEOUS,
42.6 AT 08:20 PST ON JUL 25

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 05 07 N
LONG 124 35 58 W
DRAINAGE AREA, 8 030 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	19 400	JUL	100 000
FEB	16 000	AUG	81 000
MAR	16 400	SEP	44 900
APR	24 800	OCT	31 500
MAY	84 400	NOV	23 800
JUN	81 000	DEC	20 900

TOTAL DISCHARGE, 544 000 dam³

WAZKO RIVER ABOVE MICHELLE CREEK - STATION NO. 08KF001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.9508	0.8508	1.488	2.388	3.90	1.82	8.44	7.81	1.33	1.58	3.04	1.95 B	1
2	0.9458	0.8908	1.448	2.488	3.78	1.84	8.15	7.01	1.42	1.69	3.24	1.92 B	2
3	0.9308	0.8958	1.438	2.508	3.75	1.89	8.06	6.33	1.85	1.69	3.23	1.90 B	3
4	0.9208	0.9108	1.418	2.608	3.70	2.07	7.70	5.89	1.52	1.72	3.25	1.88 B	4
5	0.9158	0.9358	1.408	2.688	3.83	2.13	7.18	5.34	1.44	1.72	3.08	1.84 B	5
6	0.9058	0.9408	1.408	2.788	3.42	2.11	6.80	4.81	1.42	1.80	3.12	1.78 B	6
7	0.8008	0.9508	1.408	3.008	3.32	2.14	6.58	4.57	1.34	2.01	3.24	1.70 B	7
8	0.8908	0.8658	1.408	3.258	3.22	2.21	6.87	4.31	1.27	1.84	2.95	1.67 B	8
9	0.8858	0.8608	1.428	3.408	3.18	2.15	6.47	4.49	1.21	1.78	2.73	1.86 B	9
10	0.8858	0.8708	1.438	3.508	3.17	2.09	5.98	4.61	1.18	1.84	2.75	1.63 B	10
11	0.8808	1.00 B	1.458	3.558	3.18	2.18	5.48	4.20	1.27	1.84	2.85	1.57 B	11
12	0.8808	1.04 B	1.488	3.658	3.06	2.37	5.48	3.88	1.45	1.87	2.82	1.50 B	12
13	0.8788	1.05 B	1.488	3.308	2.85	2.34	5.80	3.60	1.47	1.71	2.83	1.42 B	13
14	0.8788	1.07 B	1.508	3.128	2.76	2.18	6.03	3.30	1.48	1.87	2.88	1.37 B	14
15	0.8808	1.08 B	1.518	3.208	2.70	2.15	7.28	3.01	1.39	1.83	3.14	1.38 B	15
16	0.8778	1.10 B	1.558	3.308	2.71	1.91	8.83	2.85	1.36	1.82	2.87	1.33 B	15
17	0.8758	1.13 B	1.608	3.75	2.66	2.04	9.58	2.73	1.41	1.70	2.82	1.30 B	17
18	0.8708	1.17 B	1.638	4.35	2.84	2.87	8.87	2.52	1.85	1.77	2.80	1.24 B	18
19	0.8728	1.21 B	1.678	4.61	2.87	3.57	8.18	2.26	2.02	1.78	2.88	1.20 B	19
20	0.8758	1.26 B	1.708	4.79	2.81	4.19	8.77	2.08	2.14	1.77	3.02	1.15 B	20
21	0.8688	1.30 B	1.728	4.84	2.85	4.80	13.1	1.93	2.15	1.71	2.87	1.11 B	21
22	0.8628	1.35 B	1.778	4.62	2.54	4.24	17.3	1.82	2.01	1.73	3.00	1.10 B	22
23	0.8628	1.36 B	1.808	4.42	2.33	3.86	18.4	1.77	1.90	1.88	2.88	1.06 B	23
24	0.8688	1.39 B	1.878	4.22	2.23	3.74	16.5	1.71	1.80	1.81	2.22	1.05 B	24
25	0.8688	1.41 B	1.928	4.24	2.21	4.80	13 7	1.83	1.83	1.88	3.21	1.04 B	25
26	0.8758	1.43 B	1.978	4.18	2.19	6.09	12.3	1.89	1.74	2.53	2.188	1.02 B	26
27	0.8808	1.44 B	2.008	4.02	2.15	7.85	12.8	1.80	1.88	2.08	2.158	1.02 B	27
28	0.8708	1.45 B	2.088	4.00	2.08	8.15	11.4	1.38	1.84	2.84	2.108	1.01 B	28
29	0.8758		2.138	3.98	1.95	7.38	10.8	1.40	1.84,	2.89	2.038	1.01 B	29
30	0.8688		2.198	3.94	1.85	7.81	9.36	1.38	1.87	2.82	1.988	1.00 B	30
31	0.8758		2.248		1.76		8.23	1.42		2.98		0.9988	31
TOTAL	27.472	31.585	51.43	108.84	88.78	104.00	292.05	102.78	47.03	59.56	83.10	42.808	TOTAL
MEAN	0.886	1.13	1.65	3.62	2.80	3.47	9.42	3.32	1.57	1.92	2.77	1.38	MEAN
MAX	0.950	1.45	2.26	4.84	3.90	8.15	18.4	7.81	2.15	2.88	3.25	1.95	MAX
MIN	0.852	0.850	1.40	2.38	1.76	1.82	5.40	1.38	1.18	1.58	1.88	0.998	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.84
MAXIMUM DAILY, 18.4 ON JUL 23
MINIMUM DAILY, 0.8628 ON JAN 32
MAXIMUM INSTANTANEOUS,
21.3 AT 02:25 PST ON JUL 33

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 54 30 N
LONG 123 33 20 W
DRAINAGE AREA, 3 240 km²
B - ICE CONDITIONS
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	2 370	JUL	25 200
FEB	2 720	AUG	8 880
MAR	4 440	SEP	4 060
APR	9 280	OCT	5 150
MAY	7 500	NOV	7 180
JUN	8 880	DEC	3 700

TOTAL DISCHARGE, 88 800 dam³

NECHAKO RIVER AT ISLE PIERRE - STATION NO 08JC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	102 B	94.5B	82.0B	78.0B	184	247	323	478	283	180	138	113 B	1
2	102 B	94.5B	82.0B	78.0B	188	252	325	489	278	179	137	112 B	2
3	102 B	94.0B	81.5B	78.5B	171	265	327	528	270	178	138	112 B	3
4	102 B	94.0B	81.0B	78.5B	173	257	329	561	265	176	138	111 B	4
5	102 B	94.0B	80.0B	79.0B	176	259	329	567	258	174	136	110 B	5
6	102 B	94.0B	80.0B	80.0B	180	261	328	542	254	172	135	109 B	6
7	101 B	94.0B	79.5B	82.0B	184	264	330	513	247	170	135	108 B	7
8	101 B	93.5B	79.5B	84.5B	189	268	331	487	241	168	134	106 B	8
9	100 B	93.0B	79.0B	87.0B	195	273	332	468	238	166	134	105 B	9
10	99.0B	93.0B	79.0B	90.0B	201	278	332	459	231	165	133	103 B	10
11	98.0B	92.0B	78.0B	92.0B	205	280	333	455	227	165	133	102 B	11
12	97.5B	91.5B	78.5B	95.0B	207	284	333	467	223	163	132	102 B	12
13	97.5B	91.0B	78.5B	98.5B	209	289	335	499	222	160	131	101 B	13
14	97.0B	90.5B	78.0B	101 B	211	290	340	531	220	159	131	99.0B	14
15	97.0B	90.0B	78.0B	105 B	215	294	347	548	218	157	132	99.5B	15
16	96.5B	90.0B	78.0B	115	219	298	358	530	218	155	132	99.0B	16
17	96.0B	89.5B	78.0B	118	223	299	373	501	214	153	131	98.0B	17
18	96.0B	89.0B	77.5B	123	226	302	403	472	210	153	131	98.0B	18
19	96.0B	89.0B	77.5B	127	228	305	436	448	208	152	131	97.5B	19
20	96.0B	89.0B	77.0B	131	230	309	458	425	205	149	131	96.5B	20
21	96.5B	88.5B	76.5B	134	231	310	508	409	203	147	131	96.0B	21
22	96.5B	88.0B	76.0B	139	233	308	554	393	202	147	1228	95.0B	22
23	96.5B	87.5B	76.0B	142	234	308	590	378	199	148	1188	95.0B	23
24	95.0B	87.0B	76.5B	143	235	310	591	387	197	145	1178	94.5B	24
25	95.0B	86.0B	77.0B	145	237	312	589	356	195	144	1168	94.5B	25
26	95.0B	85.5B	77.0B	151	237	314	543	345	192	143	1158	94.5B	26
27	95.0B	85.0B	77.5B	154	239	317	526	333	190	142	1158	94.5B	27
28	95.0B	84.0B	77.5B	158	240	318	543	320	190	141	1158	94.5B	28
29	95.0B		76.0B	158	242	320	529	310	188	139	1158	94.5B	29
30	95.0B		76.0B	161	244	323	509	300	182	138	1148	94.5B	30
31	95.0B		76.0B		246		489	291		138		94.5B	31
TOTAL	3 030.0	2 631.5	3 431.5	3 405.0	6 581	8 702	12 989	13 789	6 882	4 864	3 847	3 123.5	TOTAL
MEAN	97.7	90.4	78.4	114	213	290	418	444	223	157	128	101	MEAN
MAX	102	94.5	82.0	161	246	323	591	567	283	180	138	113	MAX
MIN	95.0	84.0	76.0	78.0	184	247	323	291	182	138	114	94.5	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 197
MAXIMUM DAILY, 591 ON JUL 24
MINIMUM DAILY, 76.0B ON MAR 22
MAXIMUM INSTANTANEOUS,
597 AT 21:51 PST ON JUL 23

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 57 37 N
LONG 123 14 01 W
DRAINAGE AREA, 42 800 km²

B - ICE CONDITIONS

REGULATED SINCE 1952

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	282 000	JUL	1 120 000
FEB	219 000	AUG	1 190 000
MAR	210 000	SEP	574 000
APR	294 000	OCT	420 000
MAY	589 000	NOV	332 000
JUN	752 000	DEC	270 000

TOTAL DISCHARGE, 6 210 000 dam³

NECHAKO RIVER AT VANDERHOOF - STATION NO 08JC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	41.5B	43.8B	38.5B	38.5B	82.2	98.9	184	242	85.9	52.9	49.2	42.0B	1
2	41.5B	43.8B	38.0B	39.0B	83.0	88.1	184	230	81.3	52.7	49.2	41.8B	2
3	41.4B	43.5B	38.0B	39.8B	83.6	88.6	185	301	78.4	52.6	49.2	41.0B	3
4	41.3B	43.4B	38.4B	40.2B	83.8	90.2	188	331	74.6	53.1	48.4	40.2B	4
5	41.2B	43.2B	38.7B	41.0B	84.3	90.4	188	320	71.2	52.2	48.4	39.5B	5
6	41.1B	43.3B	38.5B	42.5B	87.1	91.1	186	245	69.2	52.1	48.4	39.0B	6
7	41.0B	43.4B	38.0B	44.0B	88.5	90.4	187	280	68.0	51.7	48.4	38.2B	7
8	40.8B	43.4B	38.4B	45.2B	90.0	90.0	186	243	68.4	51.7	48.5	37.5B	8
9	40.8B	43.5B	38.7B	47.1B	90.9	93.4	185	230	63.6	51.7	49.5	38.5B	9
10	40.5B	43.5B	38.8B	49.0B	95.7	93.8	186	225	60.8	51.7	49.4	35.8B	10
11	40.5B	43.3B	38.4B	51.0B	97.4	94.3	186	224	60.4	51.7	49.4	35.0B	11
12	40.5B	43.0B	38.3B	52.8B	95.8	95.2	186	251	59.8	51.4	49.4	34.2B	12
13	40.5B	42.8B	38.2B	55.7	96.4	95.8	189	267	59.4	51.2	49.2	33.6B	13
14	40.5B	42.2B	38.1B	58.0	95.3	96.5	113	320	59.2	50.8	49.2	33.0B	14
15	40.5B	42.0B	38.0B	60.5	95.1	95.4	120	319	59.0	50.1	49.2	32.9B	15
16	40.2B	41.8B	38.2B	61.8	97.5	93.6	134	295	58.8	50.1	48.0B	32.4B	16
17	40.2B	41.8B	38.3B	62.0	97.7	93.0	165	269	58.5	50.1	47.5B	32.0B	17
18	40.3B	41.5B	38.0B	62.5	95.3	95.6	205	244	58.3	50.1	47.0B	31.9B	18
19	40.5B	41.0B	38.1B	64.6	95.1	96.7	223	223	58.3	50.1	46.5B	31.8B	19
20	41.0B	40.5B	38.4B	66.2	94.8	98.0	252	199	57.4	50.1	46.1B	31.6B	20
21	41.2B	40.0B	38.9B	68.6	94.2	97.6	291	188	55.4	50.1	46.0B	31.4B	21
22	41.5B	39.5B	38.0B	72.2	94.0	97.6	329	178	55.0	48.8	45.8B	31.2B	22
23	41.8B	39.0B	38.7B	72.7	93.5	97.6	360	160	55.0	48.8	45.2B	31.0B	23
24	41.8B	39.0B	38.0B	73.4	93.3	97.6	330	152	55.0	50.3	45.0B	31.0B	24
25	42.0B	38.7B	38.3B	74.8	92.0	98.5	318	148	55.0	50.4	44.8B	31.0B	25
26	42.1B	38.2B	38.8B	78.3	91.1	102	290	138	54.9	49.2	44.2B	31.0B	26
27	42.2B	37.9B	37.0B	78.0	91.1	102	287	135	54.0	49.2	43.9B	31.0B	27
28	42.4B	37.2B	37.4B	81.5	91.1	103	294	114	54.5	49.2	43.2B	31.0B	28
29	42.5B		37.5B	82.7	88.5	103	276	105	54.5	49.4	43.0B	31.0B	29
30	42.8B		37.7B	83.9	87.7	103	251	97.4	53.8	49.4	42.5B	31.5B	30
31	43.0B		38.0B		87.4		235	92.7		49.4		32.0B	31
TOTAL	1 278.8	1 183.9	1 098.8	1 795.8	2 635.1	2 884.2	5 858	6 773.1	1 857.4	1 574.3	1 418.7	1 083.0	TOTAL
MEAN	41.3	41.6	38.4	58.9	91.5	95.5	189	218	61.9	50.8	47.3	34.3	MEAN
MAX	43.0	43.8	38.0	83.9	97.7	103	360	331	85.9	53.1	49.5	42.0	MAX
MIN	40.2	37.2	34.0	38.5	82.2	88.9	104	92.7	53.8	49.2	42.5	31.0	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 81.0
MAXIMUM DAILY, 360 ON JUL 23
MINIMUM DAILY, 31.0B ON DEC 23

TYPE OF GAUGE - MANUAL
LOCATION - LAT 54 01 34 N
LONG 124 00 28 W
DRAINAGE AREA, 22 500 km²

B - ICE CONDITIONS

REGULATED SINCE 1952

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	110 000	JUL	506 000
FEB	101 000	AUG	585 000
MAR	94 800	SEP	180 000
APR	155 000	OCT	136 000
MAY	245 000	NOV	123 000
JUN	247 000	DEC	91 800

TOTAL DISCHARGE, 2 850 000 dam³

NECHAKO RIVER BELOW CHESLATTA FALLS - STATION NO. 08JA017

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	34.2	33.7	33.1	31.9	50.4	52.1	81.3	230	47.5	31.1	31.4	31.8	1
2	34.4	33.7	32.8	33.2	50.8	52.8	82.6	248	44.3	31.5	31.2	31.8	2
3	34.3	33.6	33.0	34.5	50.6	53.1	82.1	279	41.2	31.5	31.3	31.8	3
4	34.5	33.5	32.6	35.2	50.8	53.5	82.1	253	39.3	31.3	31.3	32.0	4
5	33.7	33.1	33.1	36.2	50.9	53.8	83.2	224	37.8	31.2	31.0	32.2	5
6	34.1	33.1	33.0	37.2	51.7	54.0	83.3	201	37.5	30.9	31.0	32.7	6
7	34.3	33.6	32.8	38.4	52.2	53.4	82.8	183	36.8	31.7	31.4	33.2	7
8	34.5	33.6	32.5	39.2	52.7	54.1	83.1	178	35.5	32.0	31.7	33.1	8
9	34.4	33.2	32.6	40.2	53.5	53.9	83.7	177	35.0	31.6	31.3	33.1	9
10	34.6	32.9	31.9	40.6	53.7	55.1	83.4	191	34.8	31.4	31.4	33.2	10
11	34.6	33.3	31.9	41.3	53.5	56.4	84.3	229	33.8	31.3	31.5	32.6	11
12	34.6	33.9	31.4	41.6	53.6	56.6	85.0	265	33.9	30.8	31.5	33.1	12
13	34.5	33.4	31.2	42.2	53.8	56.4	85.4	282	33.7	30.8	32.2	33.7	13
14	33.9	33.2	31.5	42.7	53.7	56.6	85.0	272	33.8	31.1	32.2	33.6	14
15	33.8	33.2	30.5	43.1	54.8	57.0	80.0	241	33.7	31.0	32.6	33.6	15
16	33.8	33.5	30.5	43.6	54.8	56.9	115	214	33.8	31.1	32.2	32.8	16
17	33.9	33.1	31.2	44.2	54.7	56.9	149	191	33.8	31.3	32.4	32.58	17
18	33.8	33.1	30.5	44.7	53.9	57.8	178	172	33.7	31.2	32.3	32.28	18
19	33.9	33.0	30.7	45.2	53.4	57.7	207	158	33.0	30.8	32.3	31.98	19
20	33.9	33.1	31.2	45.7	52.7	57.8	247	145	33.3	30.8	32.7	31.89	20
21	34.0	33.1	31.0	46.8	52.9	57.9	284	134	33.0	30.9	32.5	31.38	21
22	34.08	32.9	31.3	47.6	52.8	57.7	285	124	32.8	31.4	32.1	31.08	22
23	34.08	32.8	31.0	48.0	52.2	58.2	257	116	33.0	31.4	31.8	30.78	23
24	34.08	32.4	30.7	48.8	51.4	59.1	232	107	32.3	31.2	31.5	30.48	24
25	34.08	32.7	31.0	49.4	50.7	59.5	224	96.0	32.2	31.2	31.8	30.18	25
26	34.08	33.0	31.2	49.2	50.8	60.2	238	85.4	31.7	31.4	31.9	29.98	26
27	34.08	33.2	30.8	49.0	50.8	60.4	222	76.0	32.0	31.4	32.3	30.18	27
28	34.08	33.1	31.0	49.4	50.3	60.9	204	70.0	31.8	31.2	32.2	30.38	28
29	34.08		30.8	49.8	51.1	61.1	186	63.7	31.2	31.0	32.4	30.58	29
30	34.0		30.7	49.9	50.8	61.0	175	57.4	31.1	31.2	31.7	30.78	30
31	33.4		30.6		51.7		189	52.4		31.9		30.98	31
TOTAL	1 057.8	930.3	976.1	1 288.8	1 621.2	1 701.4	4 395.3	5 338.9	1 047.1	989.0	954.9	980.5	TOTAL
MEAN	34.1	33.2	31.5	43.0	52.3	56.7	141	172	34.9	31.3	31.8	31.6	MEAN
MAX	34.6	33.9	33.1	49.9	54.7	61.1	285	283	47.5	32.0	32.7	33.8	MAX
MIN	33.4	33.4	30.5	31.9	50.3	52.1	81.3	52.4	31.1	30.8	31.0	29.9	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 58.2
MAXIMUM DAILY, 285 ON JUL 22
MINIMUM DAILY, 29.88 ON DEC 26
MAXIMUM INSTANTANEOUS,
285 AT 23:56 PST ON JUL 21

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 41 02 N
LONG 124 50 06 W
DRAINAGE AREA, 15 800 km²

B - ICE CONDITIONS

REGULATED SINCE 1952

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	91 400	JUL	377 000
FEB	80 400	AUG	461 000
MAR	84 500	SEP	90 500
APR	111 000	OCT	83 700
MAY	140 000	NOV	82 500
JUN	147 000	DEC	84 700

TOTAL DISCHARGE, 1 830 000 dam³

NICOLA LAKE NEAR NICOLA - STATION NO. 08LG048

DAILY WATER LEVEL IN METRES FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.804	0.639	0.686	0.684	1.048	1.831	1.158	0.968	0.791	0.748	0.840	0.726	1
2	0.802	0.635	0.683	0.689	1.122	1.814	1.148	0.926	0.784	0.740	0.838	0.726	2
3	0.800	0.636	0.686	0.689	1.173	1.838	1.148	0.941	0.788	0.740E	0.853	0.730	3
4	0.804	0.635	0.680	0.701	1.220	1.808	1.106	0.959	0.782	0.704	0.854	0.730	4
5	0.597	0.630	0.683	0.702	1.276	1.814	1.078	0.948	0.780	0.715	0.858	0.717	5
6	0.818	0.628	0.681	0.692	1.312	1.781	1.058	0.928	0.732	0.714	0.858	0.718	6
7	0.824	0.622	0.681	0.688	1.364	1.735	1.048	0.928	0.742	0.710	0.856	0.728	7
8	0.832	0.608	0.684	0.671	1.398	1.728	1.088	0.938	0.760	0.708	0.858	0.728	8
9	0.823	0.629	0.684	0.670	1.402	1.855	1.068	0.928	0.747	0.704	0.880	0.728	9
10	0.814	0.621	0.684	0.671	1.428	1.857	1.058	0.936	0.748	0.701	0.882	0.727	10
11	0.882	0.634	0.708E	0.702	1.484	1.853	1.031	0.938	0.748	0.701	0.888	0.727	11
12	0.841	0.634	0.693	0.711	1.488	1.848	0.995	0.933	0.742	0.698	0.884	0.720	12
13	0.862	0.631	0.702	0.714	1.488	1.498	0.923	0.930	0.733	0.673	0.884	0.711	13
14	0.845	0.634	0.688	0.692	1.472	1.490	0.888	0.928	0.758	0.681	0.872	0.715	14
15	0.848	0.859	0.712	0.886	1.480	1.410	0.955	0.920	0.723	0.681	0.873	0.709	15
16	0.833	0.840	0.708	0.880	1.472	1.388	0.971	0.918	0.744	0.883	0.882	0.707	16
17	0.848	0.848	0.704	0.878	1.472	1.386	0.974	0.901	0.788	0.885	0.878	0.702	17
18	0.840	0.849	0.705	0.882	1.518	1.348	0.978	0.898	0.780	0.871	0.886	0.691	18
19	0.839	0.851	0.702	0.886	1.538	1.328	0.982	0.890	0.748	0.882	0.891	0.885	19
20	0.838	0.888	0.700	0.889	1.598	1.313	0.950	0.884	0.785	0.852	0.886	0.681	20
21	0.835	0.884	0.704	0.888	1.858	1.312	0.941	0.878	0.758	0.888	0.881	0.884	21
22	0.830	0.888	0.713	0.787	1.848	1.301	0.958	0.889	0.784	0.852	0.886	0.878	22
23	0.824	0.888	0.881	0.728	1.828	1.278	0.950	0.880	0.743	0.848	0.886	0.871	23
24	0.822	0.848	0.708	0.780	1.882	1.267	0.948	0.883	0.748	0.862	0.711	0.888	24
25	0.850	0.880	0.884	0.788	1.882	1.280	0.958	0.839	0.742	0.841	0.714	0.885	25
26	0.848	0.884	0.884	0.812	1.720	1.248	0.964	0.837	0.738E	0.823	0.710	0.882	26
27	0.833	0.888	0.888	0.888	1.788	1.217	0.971	0.835	0.728	0.858	0.718	0.858	27
28	0.840	0.859	0.712	0.844	1.784	1.203	0.938	0.807	0.748	0.851	0.713	0.851	28
29	0.838		0.710	0.878	1.818	1.188	0.978	0.804	0.742	0.852	0.717	0.858	29
30	0.838		0.704	0.882	1.834	1.181	0.978	0.801	0.740	0.854	0.732	0.851	30
31	0.842		0.701		1.801		0.980	0.788	"	0.841		0.851	31
MEAN	0.831	0.843	0.695	0.735	1.505	1.485	1.008	0.882	0.752	0.852	0.878	0.887	MEAN
MAX	0.862	0.888	0.713	0.882	1.834	1.838	1.158	0.958	0.781	0.748	0.732	0.730	MAX
MIN	0.594	0.609	0.668	0.889	1.048	1.181	0.922	0.788	0.723	0.823	0.838	0.851	MIN

SUMMARY FOR THE YEAR 1983

WATER LEVELS IN METRES

MEAN, 0.888
MAXIMUM DAILY, 1.838 ON JUN 3
MINIMUM DAILY, 0.594 ON JAN 4

TYPE OF GAUGE - MANUAL
LOCATION - LAT 50 09 40 N
LONG 120 38 40 W

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 824.784 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

NICOLA RIVER ABOVE NICOLA LAKE - STATION NO. 08LG049

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.060	1.26	1.71	1.88	17.8	35.2	7.28	3.66	1.31	1.51	0.841	2.23	1
2	1.180	1.26	1.79	1.82	20.8	39.9	7.14	3.46	1.33	1.48	0.857	1.988	2
3	1.120	1.26	1.82	1.76	23.7	29.8	7.18	3.30	1.31	1.35	0.878	1.708	3
4	1.180	1.108	1.88	1.73	25.7	25.9	7.02	3.22	1.34	1.28	0.910	1.608	4
5	1.120	1.088	1.87	1.73	26.4	24.3	6.85	3.07A	1.47	1.24	1.06	1.508	5
6	1.138	1.088	1.86	1.86	26.6	22.7	6.68	2.98E	1.81	1.17	1.22	1.868	6
7	1.308	1.128	1.92	1.86	27.8	20.8	6.41	2.87E	1.48	1.13	1.33	1.508	7
8	1.378	1.138	1.96	1.89	28.6	19.8	6.33	2.78E	1.82	1.03	1.39	1.578	8
9	1.358	1.19	1.95	1.71	28.7	18.1	6.05	2.68E	1.51	0.971	1.44	1.658	9
10	1.378	1.18	2.00	1.74	28.8	16.0	5.73	2.60E	1.86	0.928	1.51	1.70	10
11	1.508	1.25	2.02	1.78	28.7	14.5	5.86	2.57E	1.88	0.886	1.58	1.71	11
12	1.66	1.29	2.08	1.74	25.4	13.1	5.28	2.62E	1.47	0.848	1.85	1.808	12
13	1.39	1.32	2.02	1.70	23.4	11.8	5.12	2.48E	1.45	0.823	1.70	1.728	12
14	1.238	1.32	2.13	1.66	22.5	10.8	4.86	2.41E	1.39	0.795	1.72	1.76	14
15	1.108	1.34	2.14	1.68	25.0	9.83	4.67	2.37E	1.38	0.780	1.84	1.76	15
16	1.128	1.34	2.15	1.85	25.2	9.70	4.78	2.27A	1.35	0.798	1.88	1.828	16
17	1.30	1.36	2.15	1.84	25.4	9.48	4.65	2.08	1.33	0.812	1.89	1.848	17
18	1.188	1.48	2.13	1.70	27.7	9.15	4.65	1.89	1.44	0.795	2.10	1.908	18
19	1.24	1.44	2.07	1.80	28.5	9.16	4.34	1.95	1.49	0.786	2.30	1.488	19
20	1.22	1.43	2.03	1.96	28.9	9.22	3.91	1.87	1.52	0.783	2.46	1.208	20
21	1.24	1.37	2.00	2.34	31.0	9.28	3.73	1.79	1.58	0.815	2.53	1.048	21
22	1.24	1.37	1.89	2.87	36.4A	8.86	3.70	1.87	1.80	0.804	2.83	1.108	22
23	1.26	1.38	2.04	3.76	39.0E	8.70	3.86	1.89	1.68	0.782	2.84	1.078	23
24	1.23	1.40	2.08	5.27	41.0E	8.85	3.58	1.80	1.85	0.753	2.57	1.028	24
25	1.20	1.48	2.15	7.70	44.0E	8.58	3.43	1.44	1.70	0.726	2.53	1.018	25
26	1.18	1.51	2.15	10.6	46.0E	8.61	3.25	1.38	1.88	0.785	2.51	1.478	26
27	1.22	1.80	2.08	12.6	46.2E	8.48	3.30	1.38	1.85	0.719	2.53	1.408	27
28	1.29	1.84	2.04	14.0	46.5E	8.22	3.30	1.34	1.82	0.727	2.52	1.308	28
29	1.33		2.03	14.8	44.0E	7.87	3.24	1.37	1.58	0.748	2.48	1.228	29
30	1.30		1.94	15.2	40.2E	7.48	3.27	1.31	1.57	0.782	2.40	1.808	30
31	1.28		1.81		38.4A		3.31	1.28		0.818		1.808	31
TOTAL	38.74	37.02	62.16	126.23	871.2	435.13	152.82	88.83	48.04	28.804	55.913	46.88	TOTAL
MEAN	1.25	1.32	2.01	4.17	31.3	14.5	4.83	2.22	1.60	0.923	1.88	1.51	MEAN
MAX	1.66	1.84	2.15	15.2	46.2	39.9	7.28	3.66	1.70	1.51	2.84	2.23	MAX
MIN	1.06	1.06	1.71	1.84	17.8	7.48	3.30	1.28	1.31	0.719	0.841	1.01	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.65
MAXIMUM DAILY, 46.2E ON MAY 27
MINIMUM DAILY, 0.719 ON OCT 27

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 11 32 N
LONG 120 24 26 W
DRAINAGE AREA, 1 800 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 350	JUL	13 200
FEB	3 200	AUG	5 880
MAR	5 370	SEP	3 890
APR	10 800	OCT	2 470
MAY	83 800	NOV	4 830
JUN	37 600	DEC	4 030

TOTAL DISCHARGE, 179 000 dam³

NICOLA RIVER AT OUTLET OF NICOLA LAKE - STATION NO. 08LG008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.80E	1.88	2.84	2.04	10.0	40.1	12.8	2.27	2.61	2.00	1.58	1.98	1
2	1.80E	2.07	2.80	2.78	11.4	38.8	12.0	2.24	2.43	1.87	1.64	1.98	2
3	1.85E	2.07	2.49	2.89	13.2	35.8	11.7	2.19	2.43	1.89	1.84	1.94	3
4	1.88A	1.98	2.82	2.88	14.7	38.8	11.8	2.25	2.23	1.83	1.83	1.94	4
5	1.72	1.97	2.64	2.97	16.0	38.4E	11.9	2.10	2.38	1.91	1.62	1.98	5
6	1.78	1.90	2.85	3.02	17.3	35.8	10.6	2.12	2.34	1.90	1.59	1.96	6
7	1.81	1.88	2.73	3.04	18.4	34.4	10.3	2.23	2.27	1.87	1.59	1.98	7
8	1.83	1.87	2.61	2.78	20.4	32.1	9.83	2.21	2.30	1.82	1.67	1.94	8
9	2.01	1.88	2.80	2.81	21.1	30.0	9.52	2.13	2.28	1.87	1.70	1.86	9
10	2.06	1.86	2.82	2.72	21.4	27.6	8.84	2.08	2.30	1.88	1.78	1.99	10
11	1.83	1.85	2.82	2.78	22.2	25.4	8.82	2.08	2.25	1.90	1.87	2.04	11
12	2.10	1.82	2.85	2.82	23.1	24.0	8.26	2.12	2.27	1.85	1.77	2.31	12
13	2.24	1.76	2.88	2.84	24.2	22.8	7.85	2.08	2.20	1.81	1.74	2.88	13
14	2.20	1.72	2.78	2.78	24.8	21.3	7.10	2.02	2.23	1.88	1.74	2.89	14
15	2.33	1.82	2.89	2.77	25.1	19.8	6.77	2.07	2.17	1.89	1.77	2.84	15
16	2.33	1.83	3.08	2.71	24.9	18.0	6.43	2.07	2.09	1.90	1.77	3.80	16
17	2.38	2.02	3.12	2.75	25.1	17.9	6.38	2.06	2.11	1.86	1.78	3.51	17
18	2.42	2.27	3.08	2.75	25.8	16.6	6.25	2.09	2.13	1.84	2.48	3.31	18
19	2.38	2.33	3.01	2.88	26.8	16.2	6.14	2.02	2.14	1.79	3.43	3.31	19
20	2.37	2.37	3.03	3.07	26.2	15.8	6.04	2.09	2.15	1.78	3.28	3.28	20
21	2.26	2.32	3.02	3.14	25.8	15.5	6.42	2.09	2.14	1.78	3.28	3.18	21
22	2.29	2.41	3.06	3.04	25.8	15.2	6.27	2.91	2.16	1.68	3.35	3.08	22
23	2.28	2.36	3.80	3.88	27.0	14.4	3.63	2.85	2.12	1.72	3.36	2.98	23
24	2.31	2.31	3.02	3.20	28.8	13.8	3.01	2.72	2.04	1.59	3.41	2.88	24
25	2.22	2.36	2.84	3.81	28.8	13.6	2.78	2.74	2.11	1.73	1.87	2.78	25
26	2.18	2.42	2.10	5.01	31.8	13.1	2.80	2.72	2.06	1.64	1.84	2.73	25
27	2.14	2.82	2.86	6.01	34.2	12.8	2.78	2.77	1.89	1.63	1.81	2.76	27
28	2.14	2.44	3.87	7.00	35.8	12.3	2.80	2.74	2.06	1.60	1.85	2.78	28
29	2.16		3.08	8.00	36.8	11.8	2.88	2.80	2.05	1.62	1.85	2.73	29
30	2.16		2.77	9.13	37.7	12.4	2.85	2.89	2.00	1.63	1.89	2.71	30
31	2.09		2.84		38.1		2.82	2.86		1.86		2.78	31
TOTAL	64.72	58.48	88.71	108.03	782.5	588.4	206.17	81.83	65.81	56.23	62.75	83.87	TOTAL
MEAN	2.09	2.09	2.86	3.62	24.6	22.8	6.85	2.84	2.19	1.81	2.09	2.70	MEAN
MAX	2.42	2.82	3.12	9.13	38.1	40.1	12.8	3.13	2.61	2.00	3.43	3.86	MAX
MIN	1.80	1.72	2.49	2.64	10.0	11.8	2.82	2.08	1.89	1.58	1.58	1.94	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.38
MAXIMUM DAILY, 40.1 ON JUN 1
MINIMUM DAILY, 1.88 ON NOV 1
MAXIMUM INSTANTANEOUS,
40.9 AT 12:30 PST ON JUN 2

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 09 52 N
LONG 120 38 51 W
DRAINAGE AREA, 2 990 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	5 590	JUL	17 000
FEB	5 050	AUG	7 070
MAR	7 660	SEP	5 880
APR	9 420	OCT	4 880
MAY	88 000	NOV	6 420
JUN	59 500	DEC	7 230

TOTAL DISCHARGE, 201 000 dam³

NICOLA RIVER NEAR MERRITT - STATION NO. 08LG007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.958	4.92	7.05	9.27	40.3	85.6	21.6	6.50E	4.00E	3.54	4.75	3.900	1
2	4.108	4.84	7.01	9.22	42.6	78.1	22.7	6.30E	4.45E	3.52	4.34	3.900	2
3	4.328	4.29	6.96	8.64	44.2	89.9	22.1	6.10E	4.70E	3.50	5.02	3.778	3
4	4.558	3.90	6.83	8.61	44.7	84.3	20.6	6.01A	4.40E	3.53	14.0 E	3.600	4
5	4.758	3.93	6.71	8.77	46.3	80.5	19.2	5.80	4.12E	3.55	11.0 E	3.768	5
6	5.008	4.05	6.64	9.13	50.3	88.5	17.9	5.13	4.00E	3.75	8.80E	3.888	6
7	5.188	4.208	6.74	9.21	50.5	89.0	16.9	5.03	3.80E	3.79	7.60E	3.858	7
8	5.208	4.358	6.82	9.42	50.0	86.7	16.2	5.00	3.80E	3.87	6.80E	3.870	8
9	5.28	4.40	7.28	9.44	49.4	84.4	15.4	4.84	3.80E	3.88	4.68	3.900	9
10	7.73	4.56	10.1	9.31	48.3	49.7	14.4	4.53	3.88E	3.89	4.56	3.888	10
11	8.62	4.76	11.6	8.97	47.7	45.3	13.9	4.89	4.10E	3.48	4.43	3.828	11
12	10.1	5.36	11.3	8.73	48.5	40.8	21.1	4.85	4.38E	3.42	4.80	5.628	12
13	9.07	6.24	10.8	8.70	49.8	38.3	24.0 A	4.69	4.38E	3.40	4.81	5.528	13
14	7.92	6.37	10.3	8.57	52.7	36.9	25.0 E	4.07	4.20E	3.07	4.28	5.838	14
15	8.83	5.87	9.87	8.82	54.0	38.3	22.0 E	3.78	4.08E	2.77	4.25	5.258	15
16	8.08	5.66	9.53	8.87	53.8	33.7	18.4 E	3.84	4.00E	2.78	15.5 E	5.208	16
17	8.52	5.78	9.42	9.68	53.5	34.2	16.5 E	3.88A	4.58E	2.78	12.0 E	4.998	17
18	8.80	8.17	9.24	10.8	53.3	34.7	13.0 E	3.50E	4.70E	2.89	11.2 E	4.748	18
19	6.18	7.43	9.04	12.5	54.1	29.6	11.2 E	3.48E	4.80E	2.87	8.40E	4.888	19
20	5.86	8.92	8.81	14.5	59.1	27.0	10.2 E	3.48E	4.45E	2.75	7.25	4.558	20
21	5.78	6.48	8.88	15.0	70.7	26.0	8.80E	3.52E	4.37A	2.70	6.71	4.448	21
22	5.87	6.48	8.88	17.3	72.1	25.4	8.50E	3.50E	4.14A	2.78	6.37	4.268	22
23	5.42	6.78	8.90	18.0	75.2	25.6	8.80E	3.49E	3.85E	2.72	6.11	4.078	23
24	5.28	7.86	8.68	24.5	79.0	25.0	8.50E	3.49E	3.83E	2.63	5.94	3.928	24
25	5.34	7.81	8.88	30.1	82.8	23.5	8.20E	3.43E	3.70E	2.34	5.45	3.788	25
26	5.56	7.58	8.51	28.3	79.7	23.6	7.90E	3.40E	3.55E	3.26	4.80	3.738	26
27	5.66	7.38	8.88	26.5	78.2	23.8	7.60E	3.41E	3.54E	3.37	4.55	3.788	27
28	5.28	7.18	8.48	26.9	61.8	23.0	7.30E	3.50E	3.53A	3.61	4.40	3.858	28
29	5.08		8.58	31.5	90.2	22.6	7.10E	3.60E	3.56	3.51	4.32B	3.858	29
30	5.18		9.01	35.8	99.0	22.0	6.90E	3.59E	3.55	3.34	4.27B	3.888	30
31	5.08		9.16		93.3		6.70E	3.70E		3.38		3.858	31
TOTAL	185.23	182.99	267.87	451.86	1 896.7	1 234.6	469.70	133.19	122.15	102.86	200.38	130.98	TOTAL
MEAN	5.98	5.82	8.64	15.1	61.2	41.2	14.5	4.30	4.07	3.32	6.66	4.23	MEAN
MAX	10.1	8.17	11.6	35.8	99.0	86.6	25.0	6.50	4.70	3.87	15.5	5.83	MAX
MIN	3.95	3.90	6.64	8.51	40.3	22.0	6.70	3.40	3.53	2.87	4.25	3.87	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 14.6
MAXIMUM DAILY, 99.0 ON MAY 30
MINIMUM DAILY, 2.87 ON OCT 19
MAXIMUM INSTANTANEOUS,
108 AT 08:17 PST ON MAY 30

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 08 40 N
LONG 120 53 06 W
DRAINAGE AREA, 4 350 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	16 000	JUL	38 900
FEB	14 100	AUG	11 500
MAR	23 100	SEP	10 500
APR	39 000	OCT	8 890
MAY	164 000	NOV	17 300
JUN	107 000	DEC	11 300

TOTAL DISCHARGE, 482 000 dam³

NICOLA RIVER NEAR SPENCES BRIDGE - STATION NO. 08LG008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.758	8.38	12.9	18.7	80.8	176 A	36.0	8.99	8.24	8.56	11.7	7.408	1
2	6.008	8.20	12.6	18.4	84.8	148	39.8	8.82	8.20	8.63	11.0	7.008	2
3	6.558	7.97	12.3	18.1	84.4	132	41.3	9.26	8.73	8.52	12.7	6.508	3
4	7.008	7.10	12.0	18.8	81.8	105	38.6	9.07	8.11	8.48	23.6	6.428	4
5	7.608	7.03	11.8	18.0	84.6	87.8	33.6	8.78	7.84	8.75	21.6	6.508	5
6	8.02	8.71	11.4	16.8	100	84.6	31.2	8.69	7.25	8.76	16.3	6.388	6
7	8.85	7.008	11.6	17.6	98.5	85.7	28.4	8.50	8.84	8.68	14.2	6.238	7
8	10.8	7.358	11.8	18.2	93.9	89.7	26.3	8.44	8.78	8.71	12.8	6.248	8
9	10.8	7.758	13.1	18.1	88.8	87.8	24.6	8.28	8.73	8.64	11.3	6.198	9
10	11.2	8.09	24.9	17.6	84.5	83.3	23.1	8.13	8.75	8.50	10.8	6.288	10
11	13.7	8.30	28.4	16.8	83.4	72.9	22.7	8.76	7.38	8.44	10.6	6.378	11
12	16.6	9.67	26.4	16.4	84.5	65.2	28.6	9.27	7.74	8.36	11.9	6.628	12
13	15.9	12.0	24.1	15.9	88.2	60.4	36.3	8.69	7.79	8.30	11.4	6.498	13
14	13.1	12.6	22.0	15.7	85.5	56.9	42.6	8.09	7.30	8.26	10.6	6.468	14
15	11.0	11.1	20.3	15.8	88.1	61.0	36.6	7.85	8.86	8.20	10.5	6.778	15
16	9.84	10.3	19.1	16.5	100	57.2	28.9	7.09	8.82	8.21	22.2	8.188	16
17	10.4	10.3	18.4	18.4	103	58.7	25.0	6.88	8.17	8.26	26.8	7.908	17
18	10.3	14.1	17.8	22.9	99.5	59.6	21.6	8.80	8.30	8.29	20.4	7.648	18
19	10.0	13.7	17.3	29.0	100	48.8	19.8	8.77	7.83	8.22	17.1	7.148	19
20	9.80	12.3	16.8	36.9	113	43.6	18.4	8.80	7.84	8.20	18.3	6.868	20
21	9.42	11.5	16.6	41.7	143 E	41.9	17.3	8.38	7.80	8.28	16.8	6.788	21
22	9.24	11.3	16.4	45.2	145 E	41.4	16.0	8.46	7.48	8.83	13.7	6.648	22
23	8.83	11.8	16.4	49.6	153 E	44.0	15.0	8.28	7.38	8.83	13.0	6.288	23
24	8.75	13.9	16.3	57.0	165 A	42.8	14.1	8.23	7.08	8.38	12.6	5.978	24
25	8.73	14.7	16.9	70.0	181 E	39.2	13.1	8.07	8.80	7.69	12.3	5.628	25
26	9.26	14.4	16.7	71.6	181 E	39.6	12.4	8.02	8.84	7.41	11.1	5.518	26
27	9.80	13.7	16.9	85.9	153 E	40.4	11.8	8.08	8.86	7.89	10.6	5.528	27
28	9.16	13.2	16.6	86.1	155 E	38.9	11.4	8.02	8.80	8.89	10.2	5.618	28
29	8.74		16.7	71.1	179 E	41.0	11.0	8.28	8.83	8.28	9.70	5.878	29
30	8.67		16.5	81.4	186 E	38.6	10.4	8.25	8.81	7.91	7.878	5.738	30
31	8.51		16.7		180 E		10.1	8.18		10.4		5.868	31
TOTAL	301.94	284.85	523.0	1 011.5	3 887.9	2 884.8	745.3	233.21	218.87	218.90	419.67	208.48	TOTAL
MEAN	9.74	10.5	16.9	33.7	118	89.8	24.0	7.52	7.29	7.00	14.0	6.66	MEAN
MAX	16.6	14.7	28.4	81.4	186	176	42.6	9.88	8.73	10.4	26.8	8.77	MAX
MIN	8.75	8.71	11.4	16.8	83.4	39.2	10.1	8.18	8.24	8.20	7.87	5.51	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 27.2
MAXIMUM DAILY, 186E ON MAY 30
MINIMUM DAILY, 5.51B ON DEC 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 15 47 N
LONG 121 13 32 W
DRAINAGE AREA, 7 480 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	28 100	JUL	84 400
FEB	25 400	AUG	20 100
MAR	45 200	SEP	18 900
APR	87 400	OCT	18 700
MAY	317 000	NOV	35 300
JUN	181 000	DEC	17 800

TOTAL DISCHARGE, 858 000 dam³

NICOMEKL RIVER BELOW MURRAY CREEK - STATION NO. 08MH105

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.720	1.30	1.59	6.13	0.387	0.420	0.240	0.095	1.23	0.152A	1.57A	0.942A	1
2	1.33	1.08	1.43	10.6	0.368	0.858	0.475	0.084	1.48	0.190A	5.32A	0.830A	2
3	6.05	0.877	1.24	2.87	0.335	0.524	0.231	0.103	0.481	0.228A	11.6 A	0.762A	3
4	3.25	0.892	1.10	1.71	0.341	0.459	0.135	0.084	0.295	0.345A	7.50A	0.825A	4
5	19.0	0.756	1.04	1.27	0.356	0.437	0.109	0.088	0.235	0.228A	5.40A	0.765A	5
6	8.92	0.868	1.54	1.02	0.387	0.427	0.145A	0.085	0.241	0.[illegible]8A	3.80A	0.718A	6
7	10.8	2.18	1.78	0.886	0.743	0.434	0.189E	0.082	0.275	0.190A	3.43A	0.697A	7
8	16.4	1.45	2.65	0.729	2.75	0.462	0.192A	0.078	0.238	0.190A	1.99A	1.59 A	8
9	6.24	3.84	6.42	0.781	3.77	0.459	0.156	0.092	0.210	0.170A	2.38A	2.34 A	9
10	21.2	2.78	4.95	2.17	1.88	0.591	0.140	0.158	0.564	0.148A	1.87A	1.59 A	10
11	8.89	6.73	4.61	1.57	0.985	0.538	1.49	0.118	0.859	0.142A	4.52A	1.50 A	11
12	4.17	6.71	2.67	1.10	0.863	0.486	4.81	0.111	0.381	0.142A	3.73E	7.87 A	12
13	2.67	5.27	4.11	0.841	0.497	0.485	4.20	0.092	0.277	0.137A	2.93A	4.30 A	13
14	1.77	2.71	3.17	0.688	0.420	0.492	2.61	0.088	0.240	0.153A	12.1 A	1.83 A	14
15	1.43	2.32	1.82	0.686	0.831	0.515	1.61	0.088	0.239	0.142A	20.1 A	1.29 A	15
16	1.30	4.64	1.60	0.687	0.672	0.531	0.780	0.081	0.218	0.184A	15.8 A	0.9048	16
17	1.82	8.37	1.13	0.628	0.602	1.15	0.383	0.081	0.230	0.318A	18.2 A	0.7388	17
18	1.78	7.14	0.837	0.607	0.371	0.754	0.198	0.102	0.262	0.267A	8.88A	0.5248	18
19	3.08	5.01	0.804	0.373	0.331	0.510	0.147	0.097	0.222	0.234A	3.09A	0.3418	19
20	2.89	12.6	0.709	0.373	0.301	0.428	0.129	0.094	0.200	0.378A	6.48A	0.2268	20
21	1.89	3.56	0.682	0.388	0.271	0.386	0.121	0.098	0.200	0.341A	2.84A	0.1348	21
22	1.36	7.80	1.38	0.369	0.288	0.383	0.115	0.107	0.198	2.92 A	1.59A	0.1108	22
23	1.41	6.89	1.14	0.361	0.247	0.898	0.105	0.113	0.192	0.674A	1.87A	0.1108	23
24	1.95	7.78	0.847	1.38	0.248	0.414	0.088	0.122	0.198	0.474A	8.34A	0.1108	24
25	2.37	3.88	0.691	1.26	0.283	0.370	0.088	0.127	0.210	0.531A	13.3 A	0.1028	25
26	3.48	2.48	0.810	3.06	0.270	0.348	0.100	0.120	0.338	0.448A	5.46A	0.3038	26
27	3.78	2.03	0.828	1.26	0.278	0.318	0.138	0.130	0.418	0.701A	13.2 A	0.1928	27
28	2.05	1.70	1.06	0.788	0.317	0.282	0.130	0.188	0.242A	0.560A	3.14A	0.1628	28
29	1.63		5.14	0.847	0.327	0.232	0.102	0.305	0.211A	0.374A	1.78A	0.2658	29
30	1.88		3.92	0.438	0.314	0.189	0.091	0.258	0.185A	4.71 A	1.28A	0.1[illegible]8 A	30
31	1.70		4.88		0.378		0.088	0.211		5.78 A		0.90 A	31
TOTAL	146.850	113.891	86.285	44.938	18.638	14.188	19.495	3.873	10.488	21.811	189 83	44.394	TOTAL
MEAN	4.73	4.07	2.14	1.50	0.630	0.472	0.629	0.118	0.350	0.897	6.33	1.63	MEAN
MAX	21.2	12.5	6.42	10 6	3.77	1.15	4.81	0.305	1.48	5.78	20.1	7.87	MAX
MIN	0.720	0.756	0.810	0.341	0.248	0.189	0.088	0.078	0.185	0.137	1.28	0.110	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.80
MAXIMUM DAILY, 21.2 ON JAN 10
MINIMUM DAILY, 0.078 ON AUG 8
MAXIMUM INSTANTANEOUS,
32.8 AT 23:20 PST ON JAN 7

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 08 02 N
LONG 122 38 44 W
DRAINAGE AREA, 84.5 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	12 700	JUL	1 880
FEB	8 840	AUG	317
MAR	5 730	SEP	907
APR	3 880	OCT	1 870
MAY	1 890	NOV	16 400
JUN	1 220	DEC	3 840

TOTAL DISCHARGE, 80 100 dam³

NIC CREEK NEAR NIC STATION - STATION NO. 07FC007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	2.25	0.188	0.338	---	---	---	---	---	1
2	---	---	---	---	2.28	0.178	0.348	---	---	---	---	0.0238	2
3	---	---	---	---	2.21	0.138	0.381	---	---	---	---	---	3
4	---	---	---	---	2.02	0.143	0.402	---	---	---	---	---	4
5	---	---	---	---	1.84	0.248	0.588	---	---	---	---	---	5
6	---	---	---	---	2.32	0.288	0.840	---	---	---	---	---	6
7	---	---	---	---	3.83 E	0.282	0.748	---	---	---	---	---	7
8	---	---	---	---	7.34 E	0.328	1.02	---	---	---	---	---	8
9	---	---	---	---	7.88 E	0.455	1.06	---	---	---	---	---	9
10	---	---	---	---	8.28 E	1.18	0.728	---	---	---	---	---	10
11	---	---	---	---	4.78 E	1.68	0.488	---	---	---	---	---	11
12	---	---	---	---	3.65	1.80	0.388	---	---	---	---	---	12
13	---	---	---	---	2.81	1.27	0.338	---	---	---	---	---	13
14	---	---	---	---	2.77	0.995	0.305	---	---	---	---	---	14
15	---	---	---	---	3.28	0.727	0.298	---	---	---	---	---	15
16	---	---	---	---	3.08	0.611	0.288	---	---	---	---	---	16
17	---	---	---	---	2.88	0.508	0.222	---	---	---	---	---	17
18	---	---	---	---	2 08	0.728	0.350	---	---	---	---	---	18
19	---	---	---	---	1.88	3.75 E	0.420	---	---	---	---	---	19
20	---	---	---	---	1.59	5.88 E	0.318	---	---	---	---	---	20
21	---	---	---	---	1.77	3.75	0.278	---	---	---	---	---	21
22	---	---	---	---	1.48	2.83	0.383	---	---	---	---	---	22
23	---	---	---	---	1.18	2.11	0.348	---	---	---	---	---	23
24	---	---	---	---	1.08	1.74	0.248	---	---	---	---	---	24
25	---	---	---	---	0.897	1.33	0.178	---	---	---	---	---	25
26	---	---	---	---	0.713	0.818	0.243	---	---	---	---	---	26
27	---	---	---	2.88A	0.548	0.647	0.883	---	---	---	---	---	27
28	---	---	---	2.58	0.448	0.788	0.714	---	---	---	---	---	28
29	---		---	2.58	0.378	0.511	0.523	---	---	---	---	---	29
30	---		---	2.32	0.308	0.383	0.372	---	---	---	---	---	30
31	---		---		0.234		0.258	---		---	---	---	31
TOTAL	---	---	---	---	78.842	35.827	13.892	---	---	---	---	---	TOTAL
MEAN	---	---	---	---	2.44	1.18	0.441	---	---	---	---	---	MEAN
MAX	---	---	---	---	7.88	5.88	1.06	---	---	---	---	---	MAX
MIN	---	---	---	---	0.234	0.138	0.178	---	---	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 7.88E ON MAY 9

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 57 08 02 N
LONG 121 30 48 W
DRAINAGE AREA, 212 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	1 180
FEB	---	AUG	---
MAR	---	SEP	---
APR	---	OCT	---
MAY	6 540	NOV	---
JUN	3 080	DEC	---

MILK CREEK NEAR BOWSER - STATION NO. 08MD022

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.800	0.705	0.695	1.37	0.482	0.280	0.284	0.232	0.244	0.210	0.552	0.572	1
2	1.55	0.680	0.624	1.58	0.438	0.284	0.336	0.232	0.232	0.210	1.68	0.612	2
3	1.80	0.624	0.580	1.27	0.402	0.284	0.336	0.232	0.232	0.214	1.68	0.612	3
4	1.42	0.550	0.512	0.948	0.393	0.260	0.300	0.232	0.232	0.218	2.10	0.474	4
5	1.89	0.525	0.504	0.744	0.378	0.256	0.284	0.232	0.228	0.218	0.888	0.526	5
6	1.30	0.495	0.512	0.708	0.368	0.256	0.280	0.228	0.228	0.210	2.28	0.414	6
7	10.8	0.555	0.580	0.636	0.474	0.256	0.278	0.220	0.232	0.214	1.38	0.414	7
8	4.88	0.535	1.04	0.592	0.396	0.256	0.300	0.218	0.236	0.210	0.882	0.592	8
9	3.06	0.630	10.3	0.536	0.365	0.256	0.292	0.218	0.212	0.206	0.600	1.50	9
10	5.73	1.89	4.08	0.477	0.348	0.402	0.284	0.212	0.284	0.210	0.906	0.888	10
11	3.30	42.1	1.43	0.580	0.342	0.384	0.582	0.212	0.380	0.210	4.80	1.26	11
12	4.13	9.56	2.04	0.532	0.329	0.354	1.89	0.212	0.296	0.208	3.00	1.21	12
13	3.58	5.27	1.54	0.516	0.339	0.303	0.780	0.212	0.272	0.210	1.82	2.80	13
14	1.47	3.30	3.86	0.492	0.351	0.294	0.606	0.212	0.252	0.210	1.21	1.82	14
15	1.14	2.54	1.63	0.486	0.357	0.276	0.447	0.208	0.244	0.210	22.9	1.21	15
16	0.881	2.88	1.24	0.441	0.339	0.282	0.429	0.208	0.238	0.210	8.28	0.990	16
17	0.881	5.03	0.930	0.441	0.315	0.280	0.345	0.208	0.234	0.210	3.00	0.816	17
18	4.33	2.82	0.714	0.484	0.333	0.357	0.288	0.208	0.280	0.210	2.00	0.624	18
19	2.06	1.57	0.618	0.492	0.327	0.376	0.294	0.208	0.383	0.234	2.84 E	0.612	19
20	1.39	3.28	0.702	0.500	0.321	0.351	0.282	0.208	0.309	0.411	1.56	0.426	20
21	0.880	1.79	0.580	0.453	0.315	0.329	0.280	0.208	0.331	0.417	1.26	0.414	21
22	0.840	2.78	0.555	0.441	0.309	0.288	0.288	0.202	0.246	2.69	1.06	0.3598	22
23	0.756	5.40	0.524	0.428	0.303	0.339	0.258	0.202	0.248	0.894	0.972	0.3208	23
24	0.974	2.61	0.532	0.465	0.288	0.327	0.250	0.202	0.234	0.471	2.29	0.3098	24
25	2.17	1.44	0.528	0.477	0.288	0.303	0.288	0.202	0.230	0.411	1.48	0.3098	25
26	4.10	1.19	0.504	0.528	0.284	0.284	0.242	0.202	0.234	0.978	1.33	0.3208	26
27	2.46	1.06	0.498	0.580	0.290	0.294	0.242	0.202	0.230	1.55	1.78	0.3408	27
28	1.42	0.888	0.528	0.528	0.284	0.288	0.250	0.228	0.230	0.630	1.60	0.3508	28
29	1.11		1.28	0.480	0.280	0.276	0.238	0.234	0.230	0.447	1.21	0.372	29
30	0.900		3.90	0.474	0.268	0.276	0.236	0.288	0.210	1.48	0.888	0.420	30
31	0.792		1.94		0.264		0.238	0.248		0.884		2.00	31
TOTAL	72.474	103.790	45.260	18.847	10.589	9.052	11.471	8.728	7.891	15.403	80.588	23.870	TOTAL
MEAN	2.34	3.71	1.46	0.622	0.342	0.302	0.370	0.217	0.256	0.497	2.69	0.784	MEAN
MAX	10.8	42.1	10.3	1.58	0.474	0.402	1.89	0.288	0.383	2.69	22.9	2.80	MAX
MIN	0.800	0.495	0.496	0.428	0.264	0.256	0.238	0.202	0.210	0.206	0.552	0.300	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.11
MAXIMUM DAILY, 42.1 ON FEB 11
MINIMUM DAILY, 0.202 ON AUG 22

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 25 08 N
LONG 124 38 32 W
DRAINAGE AREA, 15.0 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1969

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	6 280	JUL	991
FEB	6 970	AUG	581
MAR	3 910	SEP	695
APR	1 610	OCT	1 330
MAY	915	NOV	6 980
JUN	782	DEC	2 060

TOTAL DISCHARGE, 35 000 dam³

NOOKS CREEK AT MERIDIAN SUBSTATION ROAD - STATION NO. 08GA055

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.048	0.133	0.139	0.362	0.078	0.017	0.043	0.044	1.59 E	0.017	0.815	0.094	1
2	0.113	0.102	0.113	0.362	0.068	0.051	0.507	0.041	1.06	0.015	1.45	0.078	2
3	0.202	0.084	0.094	0.271	0.060	0.064	0.226	0.048	0.287	0.026	1.43	0.060	3
4	0.390	0.072	0.067	0.264	0.049	0.038	0.102	0.029	0.166	0.091	0.886	0.053	4
5	0.764	0.061	0.083	0.246	0.044	0.023	0.072	0.031	0.120	0.056	0.428	0.049	5
6	0.300	0.061	0.139	0.195	0.047	0.018	0.054	0.028	0.195	0.038	0.459	0.039	6
7	2.87 E	0.061	0.166	0.151	0.112	0.014	0.048	0.026	0.210	0.030	1.36	0.035	7
8	1.58 E	0.072	0.529	0.117	0.218	0.012	0.042	0.033	0.130	0.024	0.890	0.147	8
9	1.24 E	0.224	1.17	0.098	0.155	0.043	0.038	0.020	0.088	0.019	0.383	0.197	9
10	2.76 E	0.306	0.483	0.104	0.089	0.191	0.040	0.020	0.338	0.018	0.277	0.133	10
11	1.26	1.66	0.312	0.094	0.075	0.086	2.51 E	0.019	0.383	0.016	1.15	0.121	11
12	1.26	2.14	0.208	0.081	0.065	0.052	1.53 E	0.020	0.185	0.017	0.848	0.148	12
13	0.427	1.13	0.208	0.089	0.055	0.039	1.53	0.018	0.105	0.013	0.615	0.359	13
14	0.304	0.510	0.453	0.078	0.052	0.030	0.804	0.013	0.078	0.012	1.53	0.372	14
15	0.138	0.483	0.333	0.085	0.053	0.224	0.385	0.012	0.083	0.014	3.09 E	0.208	15
16	0.111	0.405	0.180	0.087	0.049	0.188	0.211	0.010	0.084	0.015	2.04 E	0.139	16
17	0.103	0.488	0.128	0.082	0.047	0.832	0.131	0.008	0.047	0.082	1.44 E	0.0878	17
18	0.574	0.594	0.088	0.048	0.046	0.332	0.092	0.007	0.040	0.083	1.25 E	0.0788	18
19	0.780	0.384	0.082	0.048	0.058	0.196	0.071	0.005	0.032	0.051	0.524	0.0738	19
20	0.832	1.56	0.089	0.052	0.046	0.139	0.059	0.008	0.029	0.187	0.429	0.0708	20
21	0.369	0.417	0.085	0.058	0.041	0.091	0.050	0.008	0.021	0.304	0.234	0.0688	21
22	0.185	0.438	0.084	0.054	0.037	0.077	0.040	0.005	0.018	1.17	0.180	0.0688	22
23	0.135	0.688	0.113	0.047	0.032	0.104	0.033	0.004	0.017	0.268	0.128	0.0858	23
24	0.225	0.682	0.131	0.701	0.030	0.050	0.028	0.005	0.018	0.127	0.812	0.0648	24
25	0.462	0.397	0.097	0.550	0.025	0.105	0.039	0.007	0.014	0.189	0.718	0.0838	25
26	0.481	0.312	0.078	0.883	0.024	0.052	0.054	0.008	0.030	0.098	0.584	0.0848	26
27	0.647	0.282	0.088	0.248	0.018	0.068	0.183	0.008	0.050	0.184	0.714	0.0838	27
28	0.305	0.190	0.174	0.144	0.011	0.050	0.254	0.005	0.035	0.115	0.332	0.0648	28
29	0.188		0.578	0.110	0.013	0.039	0.131	0.210	0.029	0.078	0.182	0.0758	29
30	0.221		0.585	0.082	0.013	0.035	0.081	0.085	0.022	1.06	0.124	0.0508	30
31	0.211		0.456		0.017		0.058	0.044		1.04		0.0608	31
TOTAL	19.174	14.169	7.500	5.508	1.756	3.324	9.243	0.902	5.432	5.392	24.142	4.648	TOTAL
MEAN	0.618	0.506	0.242	0.184	0.057	0.111	0.298	0.029	0.181	0.174	0.805	0.151	MEAN
MAX	2.76	2.14	1.17	0.701	0.218	0.832	2.51	0.210	1.59	1.17	3.09	0.600	MAX
MIN	0.048	0.061	0.083	0.047	0.011	0.012	0.028	0.004	0.014	0.012	0.124	0.035	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.377
MAXIMUM DAILY, 3.08E ON NOV 15
MINIMUM DAILY, 0.004 ON AUG 23
MAXIMUM INSTANTANEOUS,
5.74E AT 17:51 PST ON JAN 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 13 10 N
LONG 123 49 22 W
DRAINAGE AREA, 2.59 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 680	JUL	799
FEB	1 220	AUG	77.8
MAR	948	SEP	465
APR	478	OCT	488
MAY	152	NOV	2 090
JUN	287	DEC	403

TOTAL DISCHARGE, 8 750 dam³

NORRISH CREEK NEAR DEWDNEY - STATION NO. 08MH058

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.48	8.28E	8.61E	10.2	9.05	7.88	4.30	3.39	18.9	2.00	12.8	8.02	1
2	7.74	8.18E	8.23E	11.7	8.05	5.12	16.7	3.22	30.3	1.85	21.8	5.40	2
3	11.3	8.08E	7.93E	10.9	7.30	4.99	7.89	3.15	9.27	2.22	48.0	4.84	3
4	20.1	8.03E	7.81E	9.85E	6.87	3.65	5.71	2.98	9.88	3.10	43.8	4.32	4
5	32.8	7.83E	7.78E	9.45E	6.85	3.39	4.84	2.79	7.29	2.27	24.2	4.02	5
6	18.5	7.78E	7.78E	9.24E	6.80	3.25E	4.51	2.63	7.28	2.08	38.4	3.74	6
7	81.8	7.78E	7.74E	9.05E	10.3	3.11	4.24	2.48	7.00	1.97	38.4	3.48	7
8	78.2	7.83E	15.7 A	8.89E	10.0	3.05	4.45	2.33	5.58	1.89	27.7	4.87	8
9	58.2	7.78E	49.6	8.71E	8.27	3.18	4.50	2.25	4.87	1.82	15.8	4.59	9
10	144	7.78E	35.8	8.48E	7.30	7.32	3.85	2.57	8.82	1.76	14.5	4.14	10
11	57.5	14.3 A	26.5	8.38E	7.03	4.15	80.2	2.52	18.6	1.70	39.6	4.30	11
12	27.4	55.0	14.8	8.18E	7.14	3.36	100	2.57	10.3	1.68	23.1	4.44	12
13	17.2	42.9	13.0	7.98E	7.32	3.07	110	2.31	8.84	1.62	23.3	11.1	13
14	12.4	29.3	18.7	7.88E	7.28	2.97	75.7	2.18	5.29	1.58	33.8	11.0	14
15	10.0 E	20.9	14.1	7.83E	6.39	4.74	54.5	2.11	4.69	1.53	95.9	7.54	15
16	8.84E	23.8	10.9	7.81E	6.13	3.68	25.5	2.08	4.53	1.50	79.1	5.77	16
17	8.61E	32.1	9.40E	7.83E	6.17A	13.3	14.8	2.06	4.38	4.00	52.2	4.78	17
18	9.51E	31.2	9.05E	7.83E	8.84	14.8	10.3	3.02E	3.88	2.88	59.8	4.28	18
19	11.1	17.7	8.81E	7.83E	8.73	17.8	8.00	1.95E	3.28	2.29	35.5	3.828	19
20	10.3 E	28.6	8.88E	7.83A	8.29	15.6	6.87	1.84E	3.03	5.21	22.9	2.718	20
21	8.71E	17.0	8.68E	10.0	8.44	10.1	7.25	1.78E	2.85	4.88	14.3	2.118	21
22	8.38E	25.4	8.61E	7.43	8.35	7.11	5.67	1.88E	2.69	22.7	10.5	1.918	22
23	8.18E	36.1	8.63E	7.42	8.80	8.87	4.97	1.98E	2.54	7.98	8.60	1.788	23
24	8.89E	36.4	8.88E	13.7	8.65	6.42	4.45	1.95A	2.43	5.78	13.4	1.858	24
25	9.26E	20.1	8.68E	21.2	8.07	8.09	4.08	1.82	2.38	5.26	20.0	2.048	25
26	13.8	13.3	8.61E	21.4	5.35	5.35	3.91	1.47	2.81	4.47	15.7	2.038	26
27	22.9	10.6	8.56E	12.2	5.24	4.73	3.88	1.46	3.10	15.2	22.7	1.888	27
28	13.5	9.07E	8.63E	10.3	5.67	4.21	5.89	1.81	2.40	8.60	13.0	1.798	28
29	9.85E		12.1 A	9.87	5.82	4.10	3.98	1.84	2.21	5.20	8.88	1.808	29
30	8.63E		14.7	9.78	5.24	4.78	3.77	2.02	2.07	33.8	7.15	8.248	30
31	8.41E		11.0		4.35		3.81	1.88		30.4		15.8 B	31
TOTAL	752.17	543.10	395.54	289.21	214.02	184.54	578.85	67.60	189.09	187.31	887.13	145.99	TOTAL
MEAN	24.3	19.4	12.8	9.97	6.90	6.15	18.7	2.18	6.84	6.04	29.6	4.71	MEAN
MAX	144	55.0	49.6	21.4	10.3	17.8	110	3.39	30.3	33.8	95.9	15.8	MAX
MIN	5.48	7.78	7.74	7.42	4.35	2.97	3.81	1.46	2.07	1.50	7.15	1.85	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 12.2
MAXIMUM DAILY, 144 ON JAN 10
MINIMUM DAILY, 1.46 ON AUG 27
MAXIMUM INSTANTANEOUS,
207 AT 01:40 PST ON JUL 12

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 11 39 N
LONG 122 09 09 W
DRAINAGE AREA, 117 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	85 000	JUL	50 000
FEB	48 900	AUG	6 840
MAR	34 200	SEP	17 200
APR	25 900	OCT	16 200
MAY	18 500	NOV	76 800
JUN	15 900	DEC	12 600

TOTAL DISCHARGE, 385 000 dam³

NORTH ALOUETTE RIVER AT 232ND STREET, MAPLE RIDGE - STATION NO. 08MH008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.875	1.37	1.83	3.47	1.63	1.04	0.986	0.359	13.1	0.187	4.82	1.27	1
2	1.26	1.14	1.29	4.48	1.31	1.58	5.20	0.306	12.0	0.177	8.03	1.06	2
3	3.46	0.880	1.11	3.78	1.13	1.84	3.18	0.421	3.20	0.321	10.3	0.891	3
4	5.20	0.839	0.887	2.81	1.01	0.870	1.92	0.312	1.81	1.22	8.02	0.781	4
5	7.73	0.725	0.888	2.33	0.991	0.734	1.41	0.258	1.31	0.813	4.98	0.889	5
6	4.12	0.730	1.18	2.01	1.15	0.852	1.18	0.252	1.27	0.442	4.58	0.803	6
7	21.8	1.26	1.50	1.75	2.88	0.874	0.955	0.240E	1.48	0.383	15.2	0.682	7
8	14.3	1.08	4.28	1.44	4.78	1.18	0.826	0.230E	1.17	0.306	10.5	1.68	8
9	14.5	3.19	11.8	1.21	3.45	1.64	0.771	0.222E	0.880	0.280	4.55	2.24	9
10	38.0	4.83	8.30	1.16	2.37	2.72	0.885	0.215E	1.94	0.225	3.10	1.58	10
11	10.3	7.22	4.23	1.18	1.87	1.36	38.7	0.205E	2.58	0.207	8.85	1.54	11
12	9.33	11.8	2.83	1.07	1.75	0.917	32.4	0.195E	1.83	0.198	4.99	1.79	12
13	4.28	8.06	3.02	0.927	1.67	0.705	25.2	0.188E	1.11	0.188	5.05	4.55	13
14	2.66	5.08	4.04	0.847	1.77	0.707	11.8	0.177E	0.827	0.183	12.7	4.11	14
15	1.88	4.33	3.35	0.789	1.35	3.85	8.43	0.188E	0.685	0.182	40.8	2.49	15
16	1.52	4.38	2.21	0.804	1.22	2.48	2.94	0.155E	0.590	0.179	27.8	1.85	16
17	1.50	6.52	1.61	0.929	1.12	7.72	1.91	0.145E	0.529	0.571	15.4	1.18	17
18	2.27	6.01	1.26	1.12	1.51	8.13	1.45	0.138E	0.504	0.680	13.4	0.915	18
19	3.04	4.24	1.03	1.35	1.35	4.83	1.12	0.128E	0.421	0.514	8.21	0.7308	19
20	2.74	3.92	0.885	1.36	1.23	3.48	0.904	0.120E	0.388	2.52	3.77	0.5808	20
21	1.83	4.94	0.789	1.55	1.48	2.80	0.797	0.118E	0.328	2.72	2.38	0.4508	21
22	1.47	5.10	0.871	1.08	1.41	1.92	0.838	0.112E	0.283	10.2	1.78	0.3908	22
23	1.26	5.89	0.958	0.984	1.73	1.97	0.554	0.111	0.242	3.63	1.73	0.3208	23
24	1.78	8.12	1.01	3.31	1.81	1.73	0.503	0.110	0.223	1.91	5.88	0.3308	24
25	3.03	5.26	0.858	4.82	1.87	2.21	0.441	0.107	0.208	1.80	8.77	0.3358	25
26	2.85	3.61	0.752	8.20	1.35	1.88	0.401	0.100	0.271	1.27	6.33	0.3358	26
27	3.20	2.77	0.785	3.38	1.21	1.35	0.835	0.097	0.510	3.20	9.50	0.3408	27
28	2.48	2.14	1.03	2.28	1.72	1.18	1.23	0.124	0.383	1.85	4.04	0.3508	28
29	1.75		2.93	1.84	2.24	1.02	0.813	0.532	0.298	1.20	2.40	0.3808	29
30	1.89		3.85	1.84	1.80	0.879	0.655	0.405	0.231	7.41	1.85	1.40 B	30
31	1.75		3.89		1.28		0.604	0.278		8.49		8.50 B	31
TOTAL	173.755	122.004	73.114	61.900	53.181	61.348	147.858	8.527	50.360	52.926	258.74	42.071	TOTAL
MEAN	5.61	4.35	2.36	2.06	1.72	2.04	4.77	0.211	1.68	1.71	8.55	1.36	MEAN
MAX	38.0	11.8	11.8	8.20	4.75	7.72	38.7	0.532	13.1	10.2	40.8	8.50	MAX
MIN	0.875	0.725	0.752	0.789	0.991	0.852	0.401	0.097	0.208	0.177	1.85	0.320	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.02
MAXIMUM DAILY, 40.8 ON NOV 15
MINIMUM DAILY, 0.097 ON AUG 27
MAXIMUM INSTANTANEOUS,
124 AT 22:18 PST ON JUL 11

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 14 34 N
LONG 122 34 42 W
DRAINAGE AREA, 37.3 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	15 000	JUL	12 800
FEB	10 600	AUG	584
MAR	6 320	SEP	4 350
APR	5 350	OCT	4 570
MAY	4 590	NOV	22 200
JUN	5 300	DEC	3 630

TOTAL DISCHARGE, 95 200 dam³

NORTH THOMPSON RIVER AT BIRCH ISLAND - STATION NO. 08LB047

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	21.3B	26.9B	33.1B	57.5E	181	715	288E	279	185 E	86.0E	227 E	64.0B	1
2	21.4B	27.0B	35.9B	59.0E	188	661	267E	256	214	87.0E	210	60.5B	2
3	22.1B	26.9B	36.2B	60.0E	185	555	249	277	223	86.2	178	48.0B	3
4	26.2B	26.8B	35.5B	60.8E	201	459	299	248	234	83.9	188	47.5B	4
5	30.5B	25.9B	34.9B	61.4E	205	411	274	239	206	84.0E	167	46.0B	5
6	32.5B	26.1B	35.0E	62.5E	208	377	271	224	190	86.0E	153	45.5B	6
7	33.8B	26.7B	34.9E	64.0E	236	373	311	218	161	81.6	139	44.0B	7
8	35.0B	27.0B	35.1E	65.4	236	411	288	195	134	81.6	107	43.5B	8
9	35.7B	27.5B	35.5E	64.1	229	394	304	240	131	80.0	117	43.5B	9
10	35.3B	27.9B	36.5E	65.7	199	411	274	271	108	88.3	108	43.0B	10
11	35.6B	28.2B	38.0E	64.7	182	407	717	288	119	85.0E	107	42.8B	11
12	34.9B	28.0B	40.2E	67.6	170	386	717	271	117	84.4	98.4	42.4B	12
13	34.0B	28.4B	49.0E	61.7	173	316	903	248	113 E	83.0E	98.4	41.9B	13
14	32.9B	28.9B	51.0E	48.0	185	289	807	239	109	81.0E	91.7	40.3B	14
15	31.0B	29.5B	51.0E	51.0	191	307	591	237	126	81.9	93.8	39.5B	15
16	30.1B	29.8B	51.5E	57.1	213	332	422	211	156	49.0E	108 E	37.4B	16
17	31.1B	30.0B	51.8E	52.5	227	343	347	196	138 E	48.1	120 E	34.5B	17
18	32.3B	30.1B	50.0E	54.6	243	582	294	191E	113	46.7	128	32.0B	18
19	32.4B	29.9B	47.8E	107	237	453	279	186	104 E	48.0E	119	30.0B	19
20	31.7B	30.0B	46.5E	101	226	383	322	166	98.6	46.9	101	27.9B	20
21	31.0B	30.2B	45.0E	146	252	356	325	148	91.0E	50.5	101	27.1B	21
22	29.5B	31.0B	44.3E	167	239	281	332	135	86.3	47.2	82.2	26.9B	22
23	29.3B	31.9B	44.0E	166	254	262	293	137E	86.7	98.6	79.3	26.5B	23
24	28.3B	32.3B	43.5	183 E	310	357	316	141	86.3	84.9	78.9	26.2B	24
25	27.8B	32.0B	44.0E	198	380	313E	296E	139	80.0E	90.6	88.2	25.0B	25
26	27.8B	32.0B	45.0E	217	417	288	312E	136	76.5	80.3	73.7	25.7B	26
27	27.6B	31.8B	45.5E	189	398	260	344	136	73.4	132	71.5	25.5B	27
28	27.5B	31.8B	46.2E	181 E	386	248E	271	133	72.0E	213	61.6	25.8B	28
29	27.4B		48.0E	175 E	502	260E	272	133	70.3	140	59.0E	25.0B	29
30	27.0B		52.0E	171	616	277E	260	149	69.2	117	57.0E	26.3B	30
31	26.8B		54.5E		710		264	166E		233		25.6B	31
TOTAL	930.1	814.6	1 341.4	3 098.8	8 554	11 468	11 578	8 270	3 709.4	2 345.1	3 386.7	1 122.8	TOTAL
MEAN	30.0	29.1	43.3	103	276	382	373	202	124	75.6	112	36.2	MEAN
MAX	35.7	32.3	54.5	217	710	903	717	288	234	233	227	64.0	MAX
MIN	21.3	25.9	33.1	46.0	185	248	260	133	69.2	45.7	57.0	25.5	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 130
MAXIMUM DAILY, 903 ON JUL 13
MINIMUM DAILY, 21.3B ON JAN 1

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 38 10 N
LONG 119 54 55 W
DRAINAGE AREA, 4 450 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	80 400	JUL	1 000 000
FEB	70 400	AUG	542 000
MAR	116 000	SEP	320 000
APR	268 000	OCT	203 000
MAY	739 000	NOV	291 000
JUN	991 000	DEC	97 000

TOTAL DISCHARGE, 4 720 000 dam³

NORTH THOMPSON RIVER AT MCLURE - STATION NO. 08LB064

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	85.5B	81.8	119	170	802	1 780	985	702	380	215	585	192	1
2	85.8	87.2	127	173	828	1 780	955	730	430	201	581	171	2
3	82.5	86.7	128	176	841	1 730	932	740	495	198	480	180	3
4	105	79.9	122	175	864	1 460	928	718	522	193	503	156	4
5	108	86.9	120	180	878	1 410	910	685	521	191	488	159	5
6	105	84.6	122	181	889	1 290	891	831	482	187	478	156	6
7	105	73.2	119	183	720	1 210	861E	845	440	180	481	153	7
8	102	77.6	119	187	775	1 210	845E	802	432	185	414	153	8
9	102	77.2	118	187	755	1 190	825E	688	411	178	388	153	9
10	97.9	77.5	131	185	703	1 180	813	685	380	170	388	150	10
11	103	78.3	148	178	858	1 200	784	828	388	188	339	147	11
12	108	81.6	167	175	830	1 170	868	845	350	181	328E	148	12
13	104	83.5	180	170	822	1 070	1 470	818	337	157	313	148	13
14	99.0E	86.0	177	169	844	884	1 850	587	317	158	305	148	14
15	96.3	88.6	177	172	858	843	1 820	575	318	152	284	145	15
16	82.1	90.0	178	175	883	883	1 340	583	319	149	287	138	16
17	78.1	93.9	178	178	705	1 010	1 190	528	345	144	345	127	17
18	88.1	95.8	170	189	783	1 170	1 080	500	378	142	381	103	18
19	103	95.1	163	210	780	1 350	924	480	344	139	340	93.0	19
20	96.3	94.4	158	243	748	1 340	871	448	313	138	316	91.8	20
21	95.1	93.2	163	283	795	1 180	853	418	290	140	288	87.7	21
22	93.6	95.6	151	404	844	1 050	880	395	278	152	278	88.0B	22
23	87.7	99.7	155	445	895	944	861	380	287	187	257	83.7B	23
24	85.7	100	185	472	870	868	810	388	288	218	245	82.0B	24
25	84.6	101	182	514	1 080	893	811	358	280	204	244	82.0B	25
26	85.6	101	153E	539	1 180	883	855	349	248	193	238	82.3B	26
27	87.4	99.0	157E	551	1 190	788	885	353	245	186	228	81.0B	27
28	87.7	99.0	159	554	1 190	783	827	348	248	299	220	80.5B	28
29	83.7		161	555	1 270	825	781	349	238	386	210	82.0B	29
30	83.7		183	607	1 520	820	745	355	226	339	201	82.5B	30
31	84.2		187		1 890		713	380		407		82.0B	31
TOTAL	2 803.3	2 448.7	4 845	8 593	26 297	34 875	29 788	16 185	10 458	8 138	10 328	3 788.3	TOTAL
MEAN	83.7	87.5	150	286	848	1 180	961	522	349	198	344	123	MEAN
MAX	108	101	180	607	1 890	1 780	1 850	740	522	407	581	192	MAX
MIN	78.1	84.6	118	169	802	783	713	348	226	138	201	80.5	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 425
MAXIMUM DAILY, 1 780 ON JUN 1
MINIMUM DAILY, 84.6 ON FEB 6

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 02 29 N
LONG 120 14 28 W
DRAINAGE AREA, 18 800 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	251 000	JUL	2 570 000
FEB	212 000	AUG	1 600 000
MAR	401 000	SEP	904 000
APR	742 000	OCT	530 000
MAY	2 270 000	NOV	882 000
JUN	3 010 000	DEC	328 000

TOTAL DISCHARGE, 13 800 000 dam³

NUSATSUM RIVER NEAR HAGENSBORG - STATION NO. 08FB005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	6.20B	3.45	4.44	3.17	17.8	40.3	22.1	22.2	26.0	8.53	12.2	3.51	1
2	4.17B	3.31	4.19	3.10	15.8	44.0	20.0	26.7	23.1	7.80	11.8	3.25B	2
3	4.10B	3.26	3.51	3.11	16.1	39.8	21.8	27.4	25.0	11.1	12.1	3.10B	3
4	4.03B	3.14	3.73	3.16	14.1	23.9	23.0	21.5	22.6	10.5	11.7	2.95B	4
5	4.19B	2.87	3.56	3.34	13.7	29.2	22.5	19.4	17.1	7.92	10.3	2.85B	5
6	4.40E	2.84B	3.51	4.03	13.4	35.5	19.0	20.5	34.1	7.22	9.14	2.78B	6
7	4.75E	2.62B	3.47	4.84	13.1	31.9	17.4	20.3	18.3	6.51	8.33	2.68B	7
8	4.95E	2.85	3.45	4.13	10.8	32.7	16.4	24.2	13.4	6.22	7.56	2.63B	8
9	4.80E	2.85	4.68	3.80	9.53	38.2	17.3	27.4	11.5	6.81	7.33	2.61B	9
10	5.90E	2.87	4.74	3.61	9.29	34.9	24.4	28.6	11.2	6.42	8.88	2.80B	10
11	7.30E	4.30	4.51	3.46	10.0	24.4	41.1	24.3	12.2	6.27	7.11	2.60B	11
12	8.00E	5.26	4.26	3.28	13.0	22.0	31.8	21.0	14.1	7.21	6.95	2.61B	12
13	8.18A	5.98	4.07	3.21	15.6	21.0	38.0	19.5	28.6	8.93	6.28	2.62B	13
14	6.53	5.56	4.05	3.28	17.0	21.2	27.8	17.8	18.8	6.05	6.10	2.63B	14
15	5.88	5.12	4.04	3.63	12.8	25.9	22.4	16.1	15.4	5.30	8.54	2.55B	15
16	5.24	4.78	3.83	4.10	13.4	24.1	23.8	20.2	20.8	7.12	10.4	2.50B	16
17	5.08	4.69	3.74	4.25	17.5	23.1	27.5	19.3	16.0	6.88	8.85	2.47B	17
18	4.85	5.15	3.75	5.25	15.5	21.7	28.5	18.2	12.5	7.34	8.00	2.46B	18
19	5.21	4.80	3.71	6.33	18.3	17.5	28.2	18.7	10.8	10.7	7.18	2.41B	19
20	5.26	4.80	3.64	6.07	32.8	18.5	26.0	15.2	10.5	9.63	6.58	2.40B	20
21	4.88	4.80	3.58	5.77	32.7	17.6	28.0	14.6	13.2	13.8	5.88	2.37B	21
22	4.57	4.63	3.52	5.56	30.9	23.3	22.0	18.7	14.6	18.6	5.56	2.33B	22
23	4.38	5.19	3.47	6.09	37.1	28.0	21.3	17.6	13.8	11.1	5.38	2.36B	23
24	4.18	5.68	3.38	6.11	36.8	39.9	23.0	18.7	12.1	10.2	5.18	2.42B	24
25	4.11	5.81	3.29	13.3	36.7	34.3	26.1	15.1	13.4	24.9	4.95	2.48B	25
26	4.00B	5.28	3.34	13.8	29.9	27.3	23.3	14.7	34.7	47.0	4.88	2.48B	26
27	3.85B	4.86	3.36	11.1	28.1	27.1	26.6	14.6	14.2	21.7	4.83	2.48B	27
28	3.88	4.74	3.21	12.4	39.7	25.7	23.0	15.8	10.7	14.5	4.51	2.44B	28
29	3.78		3.14	16.5	61.2	25.0	21.8	14.5	9.48	13.0	3.98	2.42B	29
30	3.68		3.24	19.5	47.8	25.4	23.2	16.4	8.48	19.3	3.89	2.40B	30
31	3.60		3.28		39.8		23.9	17.4		15.4		2.40B	31
TOTAL	161.99	123.77	118.11	191.15	724.72	834.5	756.0	598.7	504.85	361.95	222.18	80.73	TOTAL
MEAN	4.90	4.42	3.75	6.37	23.4	27.8	24.4	19.2	16.8	11.7	7.41	2.60	MEAN
MAX	8.18	5.98	4.74	19.5	61.2	44.0	41.1	28.7	34.7	47.0	12.2	3.51	MAX
MIN	3.60	2.82	3.14	3.10	9.29	18.5	18.4	14.6	8.48	5.30	3.89	2.33	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 12.6
MAXIMUM DAILY, 61.2 ON MAY 29
MINIMUM DAILY, 2.33B ON DEC 22
MAXIMUM INSTANTANEOUS,
83.1 AT 20:02 PST ON MAY 29

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 23 20 N
LONG 126 27 30 W
DRAINAGE AREA, 269 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	13 100	JUL	65 300
FEB	10 700	AUG	51 600
MAR	10 000	SEP	43 600
APR	16 500	OCT	31 300
MAY	62 600	NOV	19 200
JUN	72 100	DEC	6 960

TOTAL DISCHARGE, 403 000 dam³

OKANAGAN LAKE AT KELOWNA - STATION NO. 08NM083

DAILY WATER LEVEL IN METRES FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.582	1.519	1.481	1.392	1.347	2.089	2.178	2.034	1.765	1.696	1.611	1.582	1
2	1.580	1.515	1.483	1.388	1.361	2.112	2.178	2.017	1.737	1.684	1.618	1.588	2
3	1.580	1.509	1.486	1.381	1.378	2.132	2.187	2.007	1.732	1.688	1.623	1.587	3
4	1.580	1.501	1.482	1.376	1.391	2.153	2.187	1.994	1.722	1.680	1.622	1.587	4
5	1.588	1.496	1.468	1.386	1.406	2.169	2.186	1.987	1.712	1.678	1.622	1.586	5
6	1.588	1.490	1.439	1.388	1.428	2.184	2.183	1.981	1.700	1.678	1.621	1.583	6
7	1.588	1.487	1.436	1.381	1.464	2.181	2.163	1.988	1.695	1.671	1.618	1.581	7
8	1.588	1.483	1.433	1.368	1.478	2.180	2.138	1.958	1.688	1.667	1.618	1.581	8
9	1.585	1.480	1.431	1.362	1.482	2.185	2.138	1.950	1.683	1.660	1.617	1.583	9
10	1.582	1.474	1.429	1.358	1.508	2.185	2.131	1.948	1.686	1.657	1.620	1.587	10
11	1.584	1.473	1.426	1.351	1.518	2.186	2.118	1.962	1.689	1.651	1.621	1.588	11
12	1.582	1.488	1.422	1.335	1.526	2.183	2.118	1.958	1.684	1.648	1.621	1.588	12
13	1.580	1.485	1.418	1.319	1.542	2.180	2.118	1.950	1.683	1.648	1.622	1.586	13
14	1.577	1.484	1.412	1.311	1.558	2.178	2.108	1.942	1.683	1.642	1.626	1.586	14
15	1.572	1.488	1.407	1.305	1.580	2.183	2.098	1.933	1.676	1.642	1.634	1.587	15
16	1.570	1.483	1.401	1.189	1.802	2.183	2.086	1.919	1.672	1.637	1.638	1.584	16
17	1.568	1.488	1.388	1.182	1.821	2.189	2.081	1.907	1.668	1.638	1.641	1.589	17
18	1.568	1.489	1.383	1.188	1.841	2.192	2.087	1.893	1.664	1.644	1.641	1.588	18
19	1.563	1.488	1.377	1.183	1.861	2.188	2.078	1.880	1.662	1.643	1.644	1.584	19
20	1.561	1.487	1.368	1.180	1.882	2.191	2.070	1.868	1.648	1.640	1.648	1.583	20
21	1.558	1.484	1.367	1.190	1.708	2.186	2.082	1.850	1.642	1.638	1.644	1.588	21
22	1.551	1.482	1.350	1.200	1.728	2.197	2.088	1.837	1.637	1.632	1.645	1.588	22
23	1.548	1.481	1.340	1.204	1.748	2.201	2.082	1.830	1.627	1.627	1.644	1.588	23
24	1.543	1.481	1.332	1.228	1.800	2.208	2.081	1.815	1.635	1.626	1.657	1.582	24
25	1.540	1.458	1.328	1.254	1.841	2.208	2.083	1.808	1.629	1.621	1.683	1.578	25
26	1.538	1.462	1.322	1.276	1.878	2.204	2.047	1.797	1.627	1.621	1.685	1.568	26
27	1.536	1.464	1.318	1.282	1.908	2.198	2.048	1.788	1.623	1.619	1.689	1.562	27
28	1.532	1.463	1.310	1.305	1.945	2.187	2.044	1.777	1.611	1.617	1.687	1.561	28
29	1.528		1.308	1.317	1.981	2.182	2.039	1.770	1.603	1.613	1.685	1.560	29
30	1.525		1.304	1.330	2.018	2.177	2.032	1.759	1.599	1.610	1.685	1.545	30
31	1.522		1.298		2.055		2.026	1.749		1.610		1.548	31
MEAN	1.564	1.472	1.387	1.247	1.839	2.181	2.088	1.888	1.689	1.646	1.637	1.583	MEAN
MAX	1.588	1.519	1.483	1.330	2.055	2.208	2.178	2.034	1.765	1.696	1.689	1.587	MAX
MIN	1.522	1.458	1.298	1.180	1.347	2.089	2.026	1.749	1.599	1.610	1.611	1.538	MIN

WATER LEVELS IN METRES

MEAN, 1.850
MAXIMUM DAILY, 2.208 ON JUN 25
MINIMUM DAILY, 1.180 ON APR 20
MAXIMUM INSTANTANEOUS,
2.209 AT 19:57 PST ON JUN 25

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 340.387 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 53 10 N
LONG 119 29 50 W

REGULATED

OKANAGAN RIVER AT OKANAGAN FALLS - STATION NO. 08NM002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	14.4	29.5	30.0	56.1	62.3	31.1	55.9	39.7	40.1	15.2	8.29	8.13	1
2	14.4	29.5	30.0	55.9	62.6	32.6	56.0	40.0	40.1	15.1	8.55	8.28	2
3	14.4	29.5	34.9	56.8	63.3	32.7	56.2	40.5	40.2	15.3	8.77	8.23	3
4	14.5	29.6	44.6	55.8	66.5	32.3	56.2	40.8	40.3	15.3	8.60	8.23	4
5	17.3	29.5	45.4	55.5	64.4	31.8	56.3	40.8	40.2	13.6	8.73	8.26	5
6	18.9	29.3	45.3	55.6	67.0	42.0	56.4	40.9	28.3	11.9	8.81	8.15	6
7	18.9	29.4	45.6	55.8	63.5	52.9	56.3	40.5	15.8	12.0	8.73	8.19	7
8	18.9	29.4	45.4	55.4	63.6	53.5	57.1	40.7	15.6	12.1	8.72	7.78	8
9	18.9	30.1	45.3	55.1	60.3	54.1	57.7	24.8	15.7	12.3	8.70	8.76	9
10	18.8	30.5	45.5	55.2	64.2	58.7	57.8	16.7	15.8	12.2	8.74	8.59	10
11	18.9	30.5	50.9	55.4	64.4	61.6	57.7	28.8	15.7	12.2	8.69	8.61	11
12	18.7	30.4	55.8	55.2	64.5	60.2	57.4	39.5	15.8	12.3	8.77	8.84	12
13	18.7	30.3	55.9	55.2	62.8	59.9	57.6	39.6	17.4	12.3	8.71	8.89	13
14	18.8	30.2	56.9	55.4	64.0	60.2	57.7	39.7	18.2	12.3	8.77	8.88	14
15	18.8	30.0	58.9	55.3	64.2	61.3	57.4	39.4	18.4	12.3	7.10	8.66	15
16	18.7	29.7	61.0	55.8	64.2	60.1	57.6	39.2	18.4	12.4	7.20	8.80	16
17	18.7	29.7	61.7	56.2	64.4	58.4	57.1	39.2	18.3	12.5	7.20	8.58	17
18	24.6	29.8	57.9	56.3	66.3	53.4	56.8	39.1	18.4	12.4	7.10	8.57	18
19	28.8	29.9	57.8	56.4	67.4	53.0	57.1	39.0	18.3	12.5	7.16	8.63	19
20	28.8	29.8	57.8	56.7	66.3	52.8	56.9	39.0	18.1	12.4	7.21	8.68	20
21	28.8	29.8	57.8	57.0	64.8	55.1	48.8	39.0	18.1	12.4	7.18	7.24	21
22	28.9	29.9	57.4	57.0	64.9	58.4	30.8	39.2	18.1	12.5	7.14	7.24	22
23	29.0	29.7	57.7	57.8	67.7	58.3	24.1	39.2	18.0	12.6	7.22	7.24	23
24	29.1	29.8	57.7	58.2	38.8	58.2	24.2	39.2	18.0	12.6	7.23	7.24	24
25	29.1	29.9	57.8	58.8	38.1	58.3	24.2	39.3	17.9	12.5	7.22	7.24	25
26	29.2	30.0	57.5	58.0	48.4	58.3	24.4	39.2	17.9	12.6	7.22	7.24	26
27	28.4	30.1	57.4	58.5	51.4	56.3	27.0	39.3	17.9	12.6	7.26	7.24	27
28	29.4	30.0	57.2	59.7	51.0	58.2	34.8	39.4	17.7	12.7	7.31	7.28	28
29	29.6		57.1	60.8	50.8	58.2	38.3	40.0	17.7	12.7	7.75	7.29	29
30	29.5		56.5	61.6	50.8	58.2	38.3	40.3	18.7	12.7	8.33	7.29	30
31	29.5		56.2		40.1		38.6	40.5		10.4		7.28	31
TOTAL	703.4	835.8	1 816.5	1 702.3	1 842.3	1 582.3	1 495.3	1 183.1	850.1	394.9	210.65	224.79	TOTAL
MEAN	22.7	29.9	52.1	56.7	59.4	52.1	48.2	38.2	21.7	12.7	7.02	7.25	MEAN
MAX	29.6	30.5	61.7	61.4	67.4	61.6	57.7	40.8	40.3	15.3	8.33	8.29	MAX
MIN	14.4	29.3	30.0	55.1	38.8	31.1	24.1	16.7	15.6	10.4	6.29	6.57	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 34.0
MAXIMUM DAILY, 67.4 ON MAY 19
MINIMUM DAILY, 6.29 ON NOV 1
MAXIMUM INSTANTANEOUS,
69.9 AT 13:35 PST ON MAY 5

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 20 28 N
LONG 119 34 40 W
DRAINAGE AREA, 8 880 km²

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	80 800	JUL	128 000
FEB	72 200	AUG	102 000
MAR	140 000	SEP	58 200
APR	147 000	OCT	34 100
MAY	159 000	NOV	18 200
JUN	135 000	DEC	19 400

TOTAL DISCHARGE, 1 070 000 dam³

OKANAGAN RIVER AT PENTICTON - STATION NO. 08NM050

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	12.8	29.5	28.8	56.4	61.3	9.43	52.0	38.8	40.8	15.5	5.93	6.10	1
2	12.9	29.4	28.8	56.3	61.9	9.12	51.8	38.8	40.7	15.5	5.94	6.09	2
3	12.9	29.4	34.7	56.3	62.2	8.47	52.0	38.8	40.8	15.5	5.93	6.10	3
4	12.9	29.3	45.8	56.2	58.4	7.91	52.4	39.5	40.8	15.6	5.93	6.10	4
5	15.5	29.3	45.1	55.0	55.8	7.32	52.9	33.2	40.8	15.8	5.91	6.09	5
6	17.5	29.3	45.0	55.9	53.0	24.6	52.7	40.1	38.8	15.8	5.89	6.11	6
7	17.5	29.1	45.0	55.7	50.0	53.2	52.6	40.1	8.08	14.4	5.89	6.11	7
8	17.5	29.1	44.8	55.6	55.8	59.3	52.5	40.0	16.6	13.0	5.88	6.14	8
9	17.4	29.1	44.8	55.5	56.1	59.4	52.3	35.7	16.6	13.0	5.93	6.13	9
10	17.5	28.9	44.7	55.1	56.3	59.5	52.2	14.5	16.6	13.0	5.80	6.17	10
11	17.5	28.9	51.7	55.2	56.6	59.6	52.1	19.4	16.7	13.1	5.87	6.19	11
12	17.5	28.9	57.0	55.2	53.9	59.6	52.0	34.3	16.7	13.1	5.97	6.21	12
13	17.6	28.8	57.0	55.0	54.1	59.5	52.0	37.5	16.7	13.2	5.88	6.22	13
14	17.6	28.9	56.6	54.7	54.2	59.4	51.9	37.5	16.8	13.3	6.01	6.21	14
15	17.6	28.9	56.6	56.1	57.4	58.9	51.7	37.5	16.8	13.4	6.01	6.23	15
16	17.5	28.8	56.8	57.4	55.0	53.5	49.3	37.3	16.8	13.4	6.02	6.22	16
17	17.5	28.9	56.8	57.2	49.7	48.6	40.0	38.8	16.7	13.3	6.05	6.19	17
18	24.4	28.9	56.9	57.0	53.3	45.7	51.4	39.8	16.8	13.4	6.05	6.20	18
19	28.6	28.7	56.5	56.9	53.9	45.6	51.3	40.8	16.8	13.5	6.05	6.16	19
20	28.6	28.7	56.8	56.8	53.0	48.0	51.3	42.1	16.8	13.6	6.07	6.03	20
21	28.6	28.7	56.3	47.2	51.4	52.5	41.4	42.1	16.0	13.6	6.06	5.99	21
22	28.7	28.6	56.3	54.1	51.8	52.3	22.7	41.9	15.8	13.7	6.03	6.02	22
23	28.7	28.7	57.6	60.5	42.8	52.3	16.8	41.7	15.8	13.8	6.03	6.05	23
24	28.7	28.7	57.5	61.1	23.4	51.8	16.8	41.5	15.5	13.8	6.09	5.95	24
25	28.6	28.7	57.4	61.1	32.9	51.8	20.1	41.4	15.6	14.0	6.11	5.93	25
26	28.5	28.7	57.0	57.4	33.8	51.8	28.1	41.4	15.8	14.0	6.11	5.85	26
27	28.5	28.8	57.0	52.0	31.0	51.8	28.8	41.2	15.5	11.2	6.16	5.84	27
28	28.6	28.8	56.8	50.1	31.2	51.2	32.8	41.0	15.6	14.7	6.12	5.98	28
29	28.6		56.8	50.5	31.7	51.3	33.3	40.8	15.7	14.8	6.07	5.98	29
30	28.5		44.6	51.0	32.2	51.8	38.7	40.8	15.8	14.9	6.10	6.09A	30
31	28.6		56.9		22.7		31.7	40.7		10.8		6.09E	31
TOTAL	686.4	810.8	1 596.7	1 686.8	1 492.8	1 354.95	1 334.0	1 178.1	812.88	428.2	180.23	188.84	TOTAL
MEAN	22.1	28.0	51.5	58.2	48.2	45.2	43.0	38.0	20.4	13.8	6.01	6.09	MEAN
MAX	28.7	28.8	56.8	61.1	62.2	59.6	52.9	42.1	40.8	15.6	6.16	6.23	MAX
MIN	12.8	28.6	28.8	47.2	22.7	7.32	16.8	14.5	8.08	10.8	5.88	5.93	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 31.8
MAXIMUM DAILY, 62.2 ON MAY 3
MINIMUM DAILY, 5.88 ON NOV 8
MAXIMUM INSTANTANEOUS,
63.1 AT 08:20 PST ON MAY 4

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 29 44 N
LONG 119 36 55 W
DRAINAGE AREA, 8 080 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	59 300	JUL	115 000
FEB	70 100	AUG	102 000
MAR	138 000	SEP	52 900
APR	146 000	OCT	37 100
MAY	129 000	NOV	15 600
JUN	117 000	DEC	16 300

TOTAL DISCHARGE, 938 000 dam³

OKANAGAN RIVER NEAR OLIVER - STATION NO. 08NM083

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	14.5	29.7	31.6	61.4	70.7	49.2	57.1	37.3	40.9	15.7	7.63	8.64	1
2	14.4	29.7	31.2	61.7	71.2	44.8	55.7	36.7	43.2	14.9	7.61	8.41	2
3	14.4	29.7	31.6	61.2	71.8	41.5	50.5	36.4	43.0	15.1	8.01	8.85	3
4	14.5	29.6	41.3	61.0	72.5	38.9	56.7	36.7	42.2	15.6	8.17	8.80	4
5	14.7	29.3	47.6	61.3	74.4	37.1	57.8	37.8	41.8	15.6	7.85	8.69	5
6	16.4	29.4	48.6	61.0	76.7	37.5	58.9	37.8	37.6	14.3	7.64	8.96	6
7	18.7	29.6	49.0	61.4	76.7	51.0	56.8	37.7	21.7	14.2	7.61	8.92	7
8	19.1	29.5	48.3	61.4	75.5	55.5	57.2	37.5	16.9	13.7	7.94	8.79	8
9	19.1	30.2	49.6	61.7	72.4	57.3	60.8	33.2	15.8	13.4	7.89	8.75	9
10	18.9	32.5	51.2	61.8	70.8	56.8	59.3	19.2	16.4	13.2	7.96	8.77	10
11	18.5	31.7	52.9	61.6	71.5	53.1	58.5	21.8	16.9	13.1	8.32	8.85	11
12	18.4	31.2	58.3	61.1	71.4	52.4	58.0	41.4	17.3	13.2	8.18	8.59	12
13	18.3	30.9	60.6	60.7	71.2	52.0	57.8	41.3	17.3	13.1	8.10	8.54	13
14	18.2	30.6	60.6	60.6	72.6	51.4	57.8	41.0	17.0	12.8	8.13	8.45	14
15	18.1	30.9	61.5	60.5	75.3	55.5	57.7	40.0	17.0	12.3	8.27	8.58	15
16	18.1	31.1	62.8	60.9	75.9	56.0	57.8	39.1	17.8	12.3	8.21	8.54	16
17	18.0	30.9	65.2	61.0	75.9	53.1	57.2	38.8	17.8	12.8	8.41	8.42	17
18	18.3	31.1	63.5	61.3	74.1	50.7	56.1	38.3	17.7	12.9	8.33	8.25	18
19	24.1	30.8	62.3	62.0	74.7	58.1	55.4	38.0	17.6	12.9	8.08	8.04	19
20	28.4	30.6	62.2	62.9	76.5	56.1	56.0	37.9	16.7	12.9	8.03	7.958	20
21	28.7	30.7	61.9	63.4	76.7	55.8	54.5	37.9	16.5	13.1	8.05	7.708	21
22	28.5	30.6	61.2	64.1	76.8	57.7	41.7	37.8	17.2	13.2	8.00	7.558	22
23	28.4	30.5	62.1	65.6	77.5	59.0	26.7	37.8	17.1	13.2	8.71	7.458	23
24	28.3	30.5	61.8	66.8	67.3	58.8	22.8	38.1	16.9	13.1	8.94	7.458	24
25	28.4	31.9	61.8	73.3	58.2	58.3	23.1	38.5	16.8	13.0	9.05	7.508	25
26	28.8	32.4	61.9	70.7	58.7	58.4	24.4	38.8	16.5	12.9	8.87	7.608	26
27	29.6	32.1	62.4	68.4	70.5	57.8	26.1	39.2	16.6	13.0	8.79	7.638	27
28	29.1	31.7	62.5	68.3	71.1	56.7	30.5	39.7	16.7	12.9	8.73	7.638	28
29	29.3		62.6	68.3	71.5	56.8	36.6	38.9	16.7	12.5	8.59	7.658	29
30	29.7		62.5	69.9	70.8	57.8	37.4	40.7	16.5	12.6	8.84	7.68	30
31	29.8		61.5		68.0		37.6	40.7		11.4		7.72	31
TOTAL	681.7	859.8	1 724.1	1 909.4	2 252.8	1 669.2	1 517.7	1 156.6	859.7	415.2	253.43	255.14	TOTAL
MEAN	22.0	30.7	55.6	63.6	72.7	55.6	48.0	37.3	22.0	13.4	8.45	8.23	MEAN
MAX	29.8	32.5	65.2	73.3	76.8	58.0	60.8	41.4	43.2	15.7	9.41	8.96	MAX
MIN	14.4	29.3	31.2	60.5	58.2	37.1	22.8	19.2	15.8	11.4	7.61	7.45	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 36.6
MAXIMUM DAILY, 76.8 ON MAY 22
MINIMUM DAILY, 7.458 ON DEC 23
MAXIMUM INSTANTANEOUS,
81.8 AT 02:15 PST ON MAY 23

SUMMARY FOR THE YEAR 1983

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 06 53 N
LONG 119 33 50 W
DRAINAGE AREA, 7 550 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	58 500	JUL	131 000
FEB	74 300	AUG	99 800
MAR	148 000	SEP	57 000
APR	165 000	OCT	35 500
MAY	195 000	NOV	21 900
JUN	144 000	DEC	22 000

TOTAL DISCHARGE, 1 150 000 dam³

OKANOGAN RIVER AT BRIDGE STREET AT OROVILLE - STATION NO. 08NM131

DAILY WATER LEVEL IN METRES FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.036	3.298	3.336	3.748	3.883	4.301	3.755	3.488	3.580	3.184	3.051	2.944	1
2	3.033	3.292	3.331	3.786	3.868	4.237	3.773	3.459	3.578	3.156	3.038	2.938	2
3	3.028	3.288	3.331	3.786	3.865	4.130	3.788	3.482	3.584	3.149	3.030	2.935	3
4	3.042	3.289	3.344	3.749	3.888	3.888	3.788	3.478	3.594	3.149	3.018	2.929	4
5	3.048	3.283	3.386	3.748	3.884	3.886	3.782	3.478	3.594	3.142	3.005	2.939	5
6	3.048	3.280	3.402	3.743	3.888	3.788	3.785	3.487	3.584	3.138	2.993	2.929	6
7	3.057	3.280	3.436	3.748	4.026	3.749	3.780	3.483	3.581	3.130	2.981	2.923	7
8	3.075	3.280	3.483	3.748	4.080	3.731	3.773	3.482	3.487	3.118	2.986	2.923	8
9	3.088	3.274	3.493	3.748	4.088	3.728	3.786	3.486	3.438	3.118	2.984	2.928	9
10	3.103	3.277	3.537	3.748	4.084	3.726	3.782	3.478	3.383	3.109	2.980	2.932	10
11	3.112	3.288	3.584	3.748	4.038	3.743	3.788	3.483	3.380	3.103	2.988	2.932	11
12	3.118	3.295	3.593	3.748	4.017	3.781	3.788	3.488	3.322	3.100	2.980	2.926	12
13	3.127	3.295	3.600	3.743	3.988	3.784	3.780	3.481	3.322	3.094	2.984	2.926	13
14	3.130	3.295	3.624	3.748	3.980	3.770	3.780	3.502	3.318	3.091	2.980	2.928	14
15	3.138	3.295	3.648	3.737	3.988	3.804	3.778	3.517	3.298	3.082	2.984	2.923	15
16	3.139	3.298	3.670	3.737	4.011	3.834	3.773	3.523	3.288	3.072	2.988	2.923	16
17	3.142	3.304	3.688	3.737	4.020	3.850	3.773	3.523	3.274	3.068	2.972	2.917	17
18	3.148	3.307	3.713	3.743	4.038	3.844	3.787	3.527	3.274	3.080	2.978	2.914	18
19	3.158	3.301	3.716	3.748	4.020	3.831	3.781	3.517	3.248	3.057	2.978	2.928	19
20	3.188	3.301	3.716	3.761	4.023	3.819	3.782	3.530	3.237	3.057	2.978	2.932	20
21	3.218	3.301	3.722	3.783	4.038	3.804	3.748	3.514	3.231	3.084	2.978	2.930	21
22	3.282	3.288	3.726	3.788	4.057	3.788	3.731	3.511	3.223	3.057	2.988	2.886	22
23	3.283	3.286	3.731	3.807	4.078	3.783	3.878	3.511	3.218	3.080	2.980	2.880	23
24	3.301	3.301	3.737	3.837	4.080	3.778	3.803	3.511	3.084	3.080	2.983	2.899	24
25	3.318	3.318	3.737	3.898	4.073	3.788	3.588	3.530	3.208	3.051	2.983	2.898	25
26	3.338	3.331	3.736	3.932	4.068	3.783	3.551	3.527	3.203	3.048	2.983	2.932	26
27	3.363	3.338	3.743	3.947	4.080	3.780	3.514	3.533	3.203	3.057	2.988	2.984	27
28	3.318	3.338	3.743	3.947	4.118	3.787	3.493	3.536	3.188	3.080	2.988	2.987	28
29	3.313		3.762	3.944	4.157	3.784	3.481	3.542	3.182	3.057	2.980	2.984	29
30	3.304		3.782	3.950	4.228	3.781	3.486	3.551	3.173	3.084	2.984	2.984	30
31	3.301		3.788		4.298		3.488	3.587		3.084		2.947	31
MEAN	3.170	3.298	3.602	3 792	4.047	3.836	3.705	3.504	3.344	3.088	3.979	3.900	MEAN
MAX	3.383	3.338	3.788	3.950	4.298	4.301	3.792	3.587	3.594	3.184	3.051	2.957	MAX
MIN	3.033	3.274	3.331	3.737	3.953	3.726	3.488	3.488	3.173	3.048	2.950	3.420	MIN

WATER LEVELS IN METRES

MEAN, 3.439
MAXIMUM DAILY, 4.301 ON JUN 1
MINIMUM DAILY, 2.420 ON DEC 21
MAXIMUM INSTANTANEOUS,
4.319 AT 23:00 PST ON MAY 31

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 274.320 m ADJUSTMENT TO CONVERT TO UNITED STATES COAST AND GEODETIC SURVEY DATUM

SUMMARY FOR THE YEAR 1983

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 56 20 N
LONG 119 26 38 W

REGULATED

DRAINAGE AREA,
6 160 km²

OKANOGAN RIVER AT OROVILLE - STATION NO. 08NM127

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	15.2	33.4	36.0	85.4	81.0	62.3	57.2	37.7	39.1	18.3	14.2	11.2	1
2	15.1	33.4	36.0	85.7	81.8	66.2	56.3	37.4	39.9	18.1	14.0	11.0	2
3	15.2	32.6	35.7	86.0	82.4	73.3	59.2	36.2	40.2	17.7	13.7	11.0	3
4	15.3	32.8	36.5	85.7	82.7	74.3	59.2	35.1	40.8	17.7	13.5	10.9	4
5	15.5	32.8	37.7	85.7	83.5	69.9	58.9	35.1	40.8	17.5	13.2	10.9	5
6	15.6	32.3	38.5	85.7	85.0	63.4	58.5	35.7	40.5	17.4	12.8	10.9	6
7	15.9	32.3	41.9	86.0	87.5	59.2	58.0	36.0	39.9	17.2	12.5	10.8	7
8	16.4	32.3	43.8	86.3	88.9	57.5	57.5	36.0	36.8	16.8	12.3	10.8	8
9	16.8	32.3	45.6	86.5	88.9	57.2	56.3	36.0	32.8	16.8	12.0	10.9	9
10	17.3	32.3	47.3	86.8	87.5	56.9	56.6	35.1	30.8	16.8	11.9	11.0	10
11	17.5	33.1	50.1	87.1	85.8	58.0	58.3	34.0	29.2	16.5	12.3	11.0	11
12	17.8	33.4	52.7	87.1	84.4	59.7	58.0	34.3	27.8	16.2	12.1	10.9	12
13	18.1	33.4	54.9	86.8	83.0	60.9	57.8	35.1	25.1	16.0	12.0	10.9	13
14	18.3	33.4	56.6	86.8	82.4	61.2	58.0	36.6	23.7	15.9	11.9	10.9	14
15	18.4	33.4	58.0	86.6	83.5	63.1	57.8	37.4	23.0	15.7	11.9	10.8	15
16	18.6	33.6	59.5	86.8	84.4	64.8	57.5	37.4	22.7	15.4	12.1	10.8	16
17	18.7	34.0	60.3	87.1	85.0	66.0	57.5	37.4	22.1	15.2	12.2	10.8	17
18	18.8	34.0	61.2	87.4	85.5	66.8	56.9	37.7	22.2	15.1	12.1	10.7	18
19	19.1	33.7	62.0	88.0	85.0	65.4	56.4	38.8	21.3	14.7	11.9	10.8	B 19
20	20.2	33.7	62.0	88.8	85.5	62.9	56.1	37.1	20.9	14.7	12.0	3.85	20
21	21.6	33.7	62.6	70.2	85.8	61.2	55.5	36.8	20.8	14.6	11.9	0.851	21
22	22.9	33.7	62.9	71.1	85.0	58.7	54.7	36.5	20.4	14.7	11.7	5.03	22
23	24.1	33.7	63.4	72.2	86.7	59.5	51.3	36.5	20.1	14.7	11.6	13.8	B 23
24	25.0	34.0	63.7	74.5	85.8	59.2	48.7	36.5	20.0	14.8	11.6	14.7	24
25	25.8	34.8	63.7	78.4	79.6	59.5	41.8	36.8	19.8	14.5	11.6	13.5	25
26	26.4	35.7	63.7	80.7	73.1	59.2	39.1	37.4	19.7	14.3	11.6	14.8	26
27	31.4	36.0	64.6	81.3	71.4	58.8	37.1	37.7	19.8	14.4	11.8	14.8	27
28	34.8	36.0	64.8	80.7	71.1	57.8	36.0	37.7	19.1	14.4	11.7	14.3	28
29	34.3		65.4	80.1	68.0	57.8	36.5	38.2	19.0	14.4	11.5	13.9	29
30	34.0		65.4	80.7	61.4	57.8	37.7	38.5	18.8	14.3	11.4	13.8	30
31	33.7		65.7		57.8		37.7	38.8		14.3		12.0	31
TOTAL	657.3	939.8	1 883.5	2 102.1	2 519.4	1 861.5	1 832.0	1 135.4	816.5	488.7	367.0	342.731	TOTAL
MEAN	21.2	33.6	64.3	70.1	81.3	62.1	62.6	36.6	27.2	15.8	12.2	11.1	MEAN
MAX	34.8	36.0	65.7	81.3	88.9	74.2	59.2	38.8	40.8	18.3	14.2	14.8	MAX
MIN	15.1	32.3	35.7	85.4	57.8	56.9	36.0	34.0	18.8	14.3	11.4	0.851	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 39.8
MAXIMUM DAILY, 88.9 ON MAY 8
MINIMUM DAILY, 0.851 ON DEC 21
MAXIMUM INSTANTANEOUS,
89.5 AT 18:30 PST ON MAY 8

SUMMARY FOR THE YEAR 1983

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 55 51 N
LONG 119 25 21 W
DRAINAGE AREA, 8 310 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	58 800	JUL	141 000
FEB	81 200	AUG	98 100
MAR	165 000	SEP	70 500
APR	182 000	OCT	42 200
MAY	218 000	NOV	31 700
JUN	161 000	DEC	29 800

TOTAL DISCHARGE, 1 260 000 dam³

OKANOGAN RIVER AT ZOSEL MILLPOND AT OROVILLE - STATION NO. 08NM132

DAILY WATER LEVEL IN METRES FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.932	3.087	3.148	3.502	3.685	4.200	3.420	3.170	3.326	3.042	2.847	2.819	1
2	2.928	3.084	3.139	3.508	3.694	4.100	3.438	3.167	3.353	3.038	2.832	2.813	2
3	2.932	3.088	3.136	3.508	3.697	3.932	3.450	3.191	3.368	3.030	2.820	2.813	3
4	2.935	3.088	3.152	3.502	3.703	3.737	3.453	3.237	3.371	3.030	2.908	2.804	4
5	2.944	3.085	3.170	3.496	3.716	3.584	3.456	3.237	3.374	3.030	2.898	2.807	5
6	2.944	3.082	3.203	3.493	3.728	3.490	3.450	3.249	3.385	3.027	2.883	2.804	6
7	2.954	3.082	3.237	3.496	3.761	3.444	3.444	3.255	3.319	3.021	2.871	2.801	7
8	2.975	3.082	3.264	3.499	3.792	3.423	3.438	3.252	3.262	3.005	2.856	2.801	8
9	2.984	3.078	3.292	3.499	3.795	3.417	3.450	3.255	3.228	3.005	2.841	2.804	9
10	2.999	3.082	3.322	3.502	3.776	3.408	3.456	3.237	3.178	2.999	2.844	2.810	10
11	3.008	3.084	3.335	3.502	3.748	3.423	3.453	3.237	3.148	2.993	2.862	2.810	11
12	3.018	3.087	3.319	3.502	3.734	3.441	3.450	3.219	3.121	2.990	2.853	2.804	12
13	3.024	3.087	3.353	3.496	3.718	3.441	3.444	3.243	3.167	2.984	2.850	2.801	13
14	3.030	3.087	3.377	3.493	3.708	3.450	3.444	3.261	3.176	2.981	2.844	2.804	14
15	3.033	3.100	3.395	3.490	3.712	3.481	3.438	3.277	3.161	2.972	2.850	2.801	15
16	3.036	3.103	3.417	3.490	3.728	3.511	3.438	3.283	3.165	2.963	2.856	2.801	16
17	3.042	3.109	3.441	3.490	3.731	3.517	3.435	3.286	3.139	2.957	2.862	2.795	17
18	3.042	3.112	3.472	3.493	3.734	3.502	3.429	3.292	3.142	2.950	2.859	2.792	18
19	3.044	3.106	3.463	3.502	3.728	3.490	3.423	3.283	3.118	2.947	2.856	2.807	19
20	3.078	3.106	3.486	3.514	3.731	3.478	3.417	3.288	3.106	2.950	2.859	2.824	20
21	3.118	3.109	3.472	3.533	3.746	3.458	3.411	3.283	3.103	2.947	2.853	1.914	21
22	3.146	3.103	3.478	3.542	3.767	3.447	3.395	3.283	3.094	2.950	2.847	2.288	22
23	3.173	3.103	3.481	3.551	3.798	3.447	3.367	3.283	3.091	2.950	2.841	2.707	23
24	3.191	3.109	3.484	3.551	3.825	3.438	3.274	3.283	3.088	2.944	2.838	2.737	24
25	3.203	3.124	3.487	3.539	3.834	3.444	3.298	3.292	3.082	2.941	2.841	2.737	25
26	3.225	3.139	3.484	3.573	3.685	3.480	3.307	3.301	3.078	2.938	2.838	2.780	26
27	3.203	3.146	3.490	3.582	3.901	3.447	3.271	3.307	3.082	2.950	2.844	2.810	27
28	3.118	3.146	3.490	3.582	3.938	3.435	3.249	3.310	3.082	2.954	2.844	2.818	28
29	3.112		3.502	3.578	4.002	3.432	3.218	3.316	3.083	2.954	2.838	2.818	29
30	3.103		3.508	3.582	4.118	3.426	3.170	3.328	3.084	2.947	2.829	2.835	30
31	3.100		3.508		4.208		3.173	3.336		2.947		2.832	31
MEAN	3.051	3.102	3.370	3.541	3.784	3.530	3.385	3.286	3.178	2.978	2.882	2.767	MEAN
MAX	3.225	3.146	3.508	3.582	4.208	4.200	3.456	3.336	3.374	3.042	2.947	2.832	MAX
MIN	2.928	3.078	3.136	3.490	3.685	3.408	3.170	3.167	3.064	2.938	2.829	1.914	MIN

WATER LEVELS IN METRES

MEAN, 3.234
MAXIMUM DAILY, 4.208 ON MAY 31
MINIMUM DAILY, 1.914 ON DEC 21
MAXIMUM INSTANTANEOUS,
4.234 AT 23:00 PST ON MAY 31

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 274.320 m ADJUSTMENT TO CONVERT TO UNITED STATES COAST AND GEODETIC SURVEY DATUM

SUMMARY FOR THE YEAR 1983

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 55 55 N
LONG 119 25 05 W

REGULATED

DRAINAGE AREA,
8 310 km²

OMINECA RIVER ABOVE OSILINKA RIVER - STATION NO. 07EC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	20.3B	16.0B	14.3B	12.9B	111A	477	185	133	55.7	57.3	42.8	23.5B	1
2	19.9B	15.9B	14.4B	12.8B	124A	509	200	126	53.3	54.8	42.2	22.7B	2
3	19.6B	15.8B	14.4B	12.8B	128	549	201	125	52.1	53.4	42.0	21.8B	3
4	19.2B	15.6B	14.5B	12.9B	133	583	202	123	52.3	52.3	42.4	21.2B	4
5	19.0B	15.4B	14.5B	13.0B	133	573	212	114	52.9	52.1	41.5	21.0B	5
6	18.9B	15.3B	14.4B	13.2B	131	508	217	105	52.2	51.6	40.6	20.5B	6
7	18.7B	15.2B	14.3B	13.4B	131	392	222	100	52.6	50.6	39.4	19.9B	7
8	18.5B	15.2B	14.3B	13.6B	142	311	262	95.3	57.3	49.3	38.9	18.8B	8
9	18.4B	15.2B	14.3B	13.9B	158	279	281	88.8	80.8	47.5	36.4	18.2B	9
10	18.4B	15.2B	14.2B	14.2B	180	284	236	83.7	58.5	45.8	35.5B	18.0B	10
11	18.2B	15.2B	14.1B	14.7B	157	294	225	80.8	55.3	45.0	33.0B	17.9B	11
12	18.1B	15.2B	14.1B	15.2B	157	281	217	79.9	52.4	43.4	31.2B	17.8B	12
13	18.0B	15.2B	14.0B	15.7B	163	266	205	77.1	51.7	42.3	31.2B	17.5B	13
14	18.0B	15.1B	13.9B	16.5	182	243	194	73.5	54.7	41.4	32.0B	17.2B	14
15	17.9B	15.1B	13.9B	17.3	201	220	181	71.0	58.7	40.5	33.2B	16.9B	15
16	17.9B	15.0B	13.8B	18.0	219	233	167	70.1	58.5	39.6	33.5B	16.3B	16
17	17.8B	14.9B	13.8B	18.8	241	238	154	72.1	57.0	38.7	32.6B	15.8B	17
18	17.7B	14.8B	13.7B	20.1	248	212	148	80.4	55.9	38.2	31.0B	15.4B	18
19	17.7B	14.7B	13.6B	21.3	240	202	135	83.1	53.3	37.7	28.6B	15.2B	19
20	17.6B	14.6B	13.4B	23.1	234	227	126	85.9	51.8	38.2	26.2B	15.1B	20
21	17.6B	14.5B	13.4B	25.9	265	238	120	87.9	50.3	38.5	26.0B	14.8B	21
22	17.5B	14.4B	13.5B	29.1	290	223	158	90.4	48.8	38.7	25.9B	14.7B	22
23	17.4B	14.3B	13.7B	32.6	294	211	161	82.0	47.8	40.9	25.8B	14.5B	23
24	17.3B	14.2B	13.9B	36.1	287	195	145	77.0	46.4	42.7	25.7B	14.3B	24
25	17.2B	14.2B	14.0B	40.4	298	196	137	72.3	45.2	42.1	25.7B	14.2B	25
26	17.1B	14.2B	14.1B	46.8	384	208	135	69.0	46.8	40.9	25.5B	14.2B	26
27	16.9B	14.2B	14.1B	55.5	380	215	138	65.7	54.8	40.4	25.3B	14.1B	27
28	16.8B	14.2B	14.0B	65.0	368	194	180	62.8	74.7	39.4	25.1B	14.1B	28
29	16.8B		13.9B	82.3	291	178	181	61.3	68.8	38.3	24.9B	14.0B	29
30	16.4B		13.2B	101	368	172	183	60.7	60.9	38.2	24.2B	14.0B	30
31	16.2B		13.0B		433		147	59.0		41.4		14.2B	31
TOTAL	556.8	418.8	432.3	827.9	8 788	8 914	5 620	2 688.8	1 849.1	1 362.2	988.5	527.8	TOTAL
MEAN	18.0	15.0	13.9	27.6	218	297	181	86.1	55.0	43.9	32.3	17.0	MEAN
MAX	20.3	16.0	14.5	101	433	583	252	133	74.7	57.3	42.8	23.5	MAX
MIN	16.2	14.2	13.0	12.8	111	172	126	59.0	45.2	37.7	24.2	14.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 84.2
MAXIMUM DAILY, 583 ON JUN 4
MINIMUM DAILY, 12.8B ON APR 3
MAXIMUM INSTANTANEOUS,
589 AT 19:30 PST ON JUN 4

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 55 09 N
LONG 124 33 52 W
DRAINAGE AREA, 5 480 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	48 100	JUL	486 000
FEB	36 200	AUG	231 000
MAR	37 400	SEP	162 000
APR	71 500	OCT	118 000
MAY	585 000	NOV	83 700
JUN	770 000	DEC	45 600

TOTAL DISCHARGE, 2 850 000 dam³

OSILINKA RIVER NEAR END LAKE - STATION NO. 07EC004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	8.80B	7.02B	6.20B	5.95B	28.6	223	90.0E	50.5E	27.0E	28.0E	15.4	9.60B	1
2	8.65B	6.95B	6.20B	5.85B	31.3	248	97.0E	47.2A	27.2E	26.0E	15.3	9.65B	2
3	8.55B	6.90B	6.20B	5.75B	33.1	260	100 E	46.2	28.0E	24.9E	15.5	9.50B	3
4	8.60B	6.82B	6.21B	5.70B	34.2	218	97.0E	44.2	28.0E	24.0E	15.4	9.40B	4
5	8.43B	6.78B	6.21B	5.65B	34.5	177	94.0E	42.3	28.7E	23.5E	14.8	9.28B	5
6	8.48B	6.70B	6.21B	5.63B	34.1	140	90.0E	39.6	28.4E	23.2E	13.7	9.15B	6
7	8.50B	6.65B	6.22B	5.65B	34.5	116	89.0E	37.4	26.5E	22.9E	13.7	9.05B	7
8	8.45B	6.63B	6.22B	5.62B	36.8	103	111 E	36.3E	26.6E	22.3E	13.7	8.90B	8
9	8.35B	6.61B	6.22B	5.80B	38.1	104	98.0E	35.3E	25.6E	21.6E	13.2	8.80B	9
10	8.30B	6.61B	6.22B	5.62B	40.3	119	88.0E	34.4E	24.9E	21.0E	12.7	8.35B	10
11	8.15B	6.61B	6.20B	5.67B	46.2	130	83.5E	34.2E	24.0E	20.2E	12.2	8.05B	11
12	8.04B	6.60B	6.18B	5.80B	60.9	121	78.0E	33.6E	23.2E	19.7E	12.0	7.95B	12
13	8.00B	6.60B	6.12B	5.95B	43.6	113	73.5E	33.1E	22.0E	18.9E	11.9	7.85B	13
14	7.95B	6.60B	6.09B	6.10B	50.0	108	70.5E	32.3E	22.8E	18.3E	12.2	7.42B	14
15	7.90B	6.59B	6.09B	6.35B	56.3	96.1	68.0E	31.7E	25.0E	17.6E	12.3	7.80B	15
16	7.82B	6.59B	6.09B	6.60B	61.0	102	62.5E	31.2E	25.2E	17.5E	12.3	7.70B	16
17	7.79B	6.58B	6.08B	6.80B	57.9	102	59.0E	32.0E	24.8E	17.2E	12.5	7.55B	17
18	7.76B	6.52B	6.00B	7.25B	71.8	87.5	57.0E	34.9E	23.8E	16.9E	12.6	7.35B	18
19	7.75B	6.48B	5.95B	7.60	70.1	88.9	54.5E	35.8E	23.1A	16.8E	12.3	7.10B	19
20	7.72B	6.41B	5.90B	7.74	72.7	108	53.0E	37.8E	22.4	16.9E	10.2	6.95B	20
21	7.70B	6.38B	5.85B	8.55	85.1	109	54.5E	42.1E	22.0	17.0E	7.15	6.78B	21
22	7.68B	6.36B	5.80B	8.47	90.6	102	70.0E	40.0E	21.5	17.1E	6.54	6.61B	22
23	7.65B	6.34B	5.82B	10.1	92.5	97.6	82.0E	37.5E	21.1	17.5E	6.40B	6.58B	23
24	7.62B	6.30B	5.70B	11.0	94.9	92.4E	86.0E	35.7E	20.7	18.0E	7.50B	6.42B	24
25	7.60B	6.28B	5.38B	12.1	98.2	92.0E	88.0E	34.2E	20.5	17.8E	8.40B	6.35B	25
26	7.58B	6.22B	5.46B	13.3	99.1	90.5E	87.5E	32.8E	24.5	17.0A	9.50B	6.30B	26
27	7.50B	6.22B	5.50B	15.3	83.4	83.0E	86.0E	31.5E	36.7	15.8	10.2 B	6.29B	27
28	7.40B	6.21B	5.48B	16.1	89.3	76.0E	73.0E	30.5E	38.5	15.0	10.3 B	6.28B	28
29	7.35B		5.42B	22.3	104	71.5E	62.5E	30.1E	33.5E	15.2	10.2 B	6.28B	29
30	7.25B		5.25B	25.1	146	71.0E	58.5E	30.0E	30.6E	15.7	10.0 B	6.25B	30
31	7.12B		5.10B		182		54.0E	29.2E		16.1		6.25B	31
TOTAL	248.42	183.47	191.34	289.43	2 102.3	3 648.7	2 304.5	1 126.0	771.9	600.1	350.32	238.15	TOTAL
MEAN	7.95	6.55	6.17	9.98	67.8	122	74.3	36.3	25.7	19.4	11.7	7.68	MEAN
MAX	8.80	7.02	6.50	25.1	182	280	111	50.5	38.7	28.0	15.5	9.60	MAX
MIN	7.12	6.21	5.85	5.60	28.6	71.0	53.0	29.2	20.5	15.0	6.54	6.25	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 33.0
MAXIMUM DAILY, 280 ON JUN 3
MINIMUM DAILY, 5.60B ON APR 9
MAXIMUM INSTANTANEOUS,
288 AT 07:15 PST ON JUN 3

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 07 35 N
LONG 124 47 47 W
DRAINAGE AREA, 1 980 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	21 300	JUL	199 000
FEB	15 900	AUG	97 100
MAR	18 500	SEP	66 700
APR	23 300	OCT	51 600
MAY	182 000	NOV	30 300
JUN	315 000	DEC	20 500

TOTAL DISCHARGE, 1 040 000 dam³

OSOYOOS LAKE NEAR OROVILLE - STATION NO. 08NM073

DAILY WATER LEVEL IN METRES FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.187	3.483	3.496	3.950	4.181	4.414	3.999	3.885	3.752	3.295	3.187	3.057	1
2	3.184	3.459	3.490	3.953	4.170	4.374	4.014	3.882	3.767	3.289	3.158	3.048	2
3	3.184	3.455	3.487	3.953	4.178	4.304	4.033	3.876	3.776	3.280	3.149	3.045	3
4	3.170	3.453	3.495	3.947	4.182	4.206	4.036	3.876	3.788	3.280	3.139	3.042	4
5	3.173	3.467	3.523	3.941	4.197	4.109	4.036	3.879	3.786	3.277	3.124	3.042	5
6	3.176	3.464	3.563	3.941	4.212	4.030	4.028	3.885	3.780	3.274	3.115	3.039	6
7	3.182	3.464	3.600	3.941	4.248	3.972	4.020	3.891	3.769	3.267	3.103	3.036	7
8	3.200	3.461	3.630	3.938	4.276	3.934	4.017	3.894	3.882	3.255	3.091	3.036	8
9	3.210	3.438	3.661	3.944	4.285	3.953	4.033	3.897	3.618	3.252	3.078	3.039	9
10	3.222	3.444	3.691	3.947	4.273	3.953	4.039	3.873	3.568	3.243	3.075	3.042	10
11	3.234	3.453	3.722	3.944	4.255	3.975	4.036	3.852	3.533	3.237	3.088	3.042	11
12	3.240	3.459	3.748	3.944	4.240	3.998	4.036	3.855	3.502	3.231	3.082	3.036	12
13	3.246	3.459	3.784	3.938	4.221	3.998	4.029	3.870	3.478	3.226	3.075	3.036	13
14	3.249	3.459	3.814	3.936	4.212	4.004	4.029	3.703	3.463	3.222	3.072	3.036	14
15	3.255	3.459	3.837	3.932	4.221	4.039	4.023	3.718	3.444	3.213	3.075	3.033	15
16	3.255	3.459	3.862	3.929	4.237	4.089	4.023	3.722	3.432	3.202	3.082	3.030	16
17	3.261	3.463	3.883	3.929	4.246	4.090	4.020	3.722	3.417	3.197	3.088	3.027	17
18	3.264	3.486	3.904	3.932	4.252	4.053	4.014	3.725	3.408	3.194	3.091	3.024	18
19	3.271	3.463	3.914	3.941	4.248	4.081	4.004	3.716	3.389	3.188	3.091	3.024	19
20	3.301	3.459	3.917	3.953	4.255	4.063	4.002	3.718	3.377	3.188	3.091	3.039	20
21	3.338	3.459	3.920	3.972	4.257	4.045	3.998	3.709	3.368	3.185	3.088	3.060	21
22	3.368	3.459	3.923	3.987	4.255	4.029	3.978	3.703	3.359	3.185	3.082	3.082	22
23	3.398	3.486	3.928	4.002	4.257	4.023	3.920	3.706	3.356	3.185	3.075	3.078	23
24	3.420	3.483	3.935	4.038	4.307	4.023	3.840	3.706	3.350	3.182	3.075	3.072	24
25	3.435	3.472	3.935	4.103	4.287	4.026	3.780	3.712	3.344	3.178	3.075	3.066	25
26	3.453	3.490	3.932	4.162	4.269	4.026	3.748	3.718	3.338	3.176	3.075	3.069	26
27	3.490	3.486	3.941	4.187	4.261	4.023	3.709	3.725	3.335	3.176	3.078	3.069	27
28	3.487	3.496	3.944	4.154	4.282	4.011	3.691	3.728	3.319	3.178	3.075	3.063	28
29	3.478		3.950	4.151	4.313	4.008	3.688	3.734	3.313	3.176	3.088	3.057	29
30	3.472		3.953	4.187	4.353	4.008	3.684	3.743	3.304	3.173	3.082	3.057	30
31	3.469		3.953		4.401		3.685	3.749		3.173		3.048	31
MEAN	3.297	3.480	3.725	3.990	4.253	4.063	3.942	3.703	3.503	3.218	3.092	3.048	MEAN
MAX	3.490	3.496	3.953	4.187	4.401	4.414	4.039	3.749	3.788	3.295	3.187	3.082	MAX
MIN	3.184	3.438	3.487	3.929	4.151	3.953	3.685	3.652	3.304	3.173	3.063	3.024	MIN

SUMMARY FOR THE YEAR 1983

WATER LEVELS IN METRES

MEAN, 3.614
MAXIMUM DAILY, 4.414 ON JUN 1
MINIMUM DAILY, 3.024 ON DEC 18
MAXIMUM INSTANTANEOUS,
4.423 AT 22:00 PST ON MAY 31

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 57 24 N
LONG 119 25 18 W

REGULATED

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 274.320 m ADJUSTMENT TO CONVERT TO UNITED STATES COAST AND GEODETIC SURVEY DATUM

OSOYOOS LAKE NEAR OSOYOOS - STATION NO. 08NM113

DAILY WATER LEVEL IN METRES FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	277.405	277.688	277.735	278.178	278.378	278.638	278.238	277.910	277.895	277.532	277.388	277.280	1
2	277.405	277.688	277.730	278.178	278.380	278.688	278.238	277.910	277.895	277.530	277.390	277.285	2
3	277.405	277.680	277.722	278.178	278.385	278.536	278.285	277.915	278.010	277.508	277.378	277.280	3
4	277.407	277.684	277.720	278.170	278.388	278.430	278.270	277.912	278.030	277.510	277.378	277.280	4
5	277.409	277.680	277.770	278.160	278.420	278.348	278.270	277.910	278.030	277.510	277.388	277.278	5
6	277.412	277.678	277.803	278.180	278.430	278.280	278.280	277.918	278.012	277.508	277.380	277.278	6
7	277.420	277.678	277.840	278.180	278.480	278.180	278.258	277.930	277.995	277.495	277.338	277.278	7
8	277.428	277.672	277.870	278.183	278.485	278.163	278.240	277.930	277.920	277.495	277.328	277.278	8
9	277.444	277.672	277.888	278.178	278.500	278.180	278.258	277.930	277.840	277.485	277.315	277.278	9
10	277.481	277.678	277.920	278.180	278.500	278.180	278.270	277.910	277.800	277.478	277.308	277.280	10
11	277.472	277.682	277.880	278.172	278.474	278.200	278.270	277.890	277.780	277.470	277.320	277.278	11
12	277.478	277.688	277.890	278.180	278.480	278.218	278.262	277.880	277.730	277.490	277.318	277.278	12
13	277.478	277.687	278.018	278.180	278.480	278.220	278.262	277.910	277.705	277.485	277.313	277.278	13
14	277.484	277.688	278.048	278.185	278.438	278.230	278.268	277.930	277.688	277.488	277.308	277.278	14
15	277.480	277.680	278.070	278.182	278.442	278.280	278.262	277.958	277.670	277.480	277.308	277.278	15
16	277.488	277.687	278.080	278.180	278.486	278.280	278.262	277.888	277.658	277.448	277.295	277.278	16
17	277.488	277.702	278.110	278.180	278.485	278.310	278.260	277.868	277.650	277.432	277.330	277.265	17
18	277.508	277.700	278.132	278.182	278.470	278.316	278.245	277.880	277.630	277.430	277.338	277.280	18
19	277.542	277.698	278.137	278.180	278.470	278.300	278.238	277.880	277.618	277.430	277.338	277.280	19
20	277.578	277.688	278.148	278.172	278.478	278.285	278.238	277.860	277.608	277.428	277.322	277.280	20
21	277.602	277.682	278.148	278.185	278.480	278.272	278.230	277.845	277.588	277.422	277.318	277.270	21
22	277.620	277.685	278.155	278.210	278.500	278.260	278.214	277.840	277.580	277.425	277.312	277.268	22
23	277.632	277.697	278.180	278.220	278.525	278.240	278.140	277.840	277.580	277.428	277.308	277.265	23
24	277.650	277.682	278.185	278.285	278.525	278.258	278.070	277.840	277.580	277.425	277.308	277.267	24
25	277.668	277.710	278.185	278.318	278.490	278.252	278.000	277.880	277.575	277.428	277.310	277.268	25
26	277.689	277.730	278.180	278.358	278.470	278.252	277.880	277.880	277.570	277.425	277.308	277.285	26
27	277.722	277.725	278.168	278.378	278.480	278.280	277.880	277.880	277.570	277.422	277.308	277.284	27
28	277.725	277.735	278.168	278.375	278.485	278.240	277.825	277.862	277.560	277.420	277.300	277.283	28
29	277.718		278.175	278.372	278.520	278.222	277.812	277.884	277.550	277.418	277.298	277.282	29
30	277.710		278.178	278.378	278.580	278.232	277.812	277.880	277.540	277.415	277.290	277.281	30
31	277.704		278.178		278.618		277.810	277.880		277.410		277.280	31
MEAN	277.538	277.685	278.016	278.211	278.473	278.288	278.171	277.837	277.724	277.485	277.325	277.271	MEAN
MAX	277.725	277.735	278.178	278.378	278.618	278.638	278.270	277.890	278.030	277.532	277.388	277.280	MAX
MIN	277.405	277.672	277.720	278.158	278.378	278.180	277.810	277.880	277.540	277.410	277.290	277.260	MIN

SUMMARY FOR THE YEAR 1983

WATER LEVELS IN METRES

MEAN, 277.846
MAXIMUM DAILY, 278.638 ON JUN 1
MINIMUM DAILY, 277.260 ON DEC 18

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 01 43 N
LONG 119 27 27 W

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

OSPIKA RIVER ABOVE ALEX CREEK - STATION NO 07EB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	11.2 B	8.700	7.200	9.150	35.6	245	97.5	47.1	31.1	33.3	23.9	12.2 B	1
2	10.9 B	8.550	7.050	9.100	36.3	178	177	43.0	30.8	31.8	16.0	11.9 B	2
3	10.6 B	8.400	6.900	9.200	35.4	129	191	43.1	32.1	30.7	21.5	11.6 B	3
4	10.7 B	8.300	6.650	9.250	34.3	114	180	42.3	31.2	31.3A	22.3E	11.3 B	4
5	10.9 B	8.250	6.450	9.250	33.1	100	147	42.7	31.5	30.8E	21.0E	11.1 B	5
6	10.7 B	8.200	6.300	8.350	32.8	91.7	122	38.9	31.4	30.4E	19.8	10.9 B	6
7	10.7 B	8.150	6.150	8.450	36.1	85.1	120	36.9	33.0	29.4E	18.3	10.5 B	7
8	10.6 B	8.100	6.050	8.630	40.0	80.4	115	34.8	33.1	28.5E	19.0	10.2 B	8
9	10.4 B	8.050	6.000	8.950	36.5	109	102	33.4	30.7	27.5E	16.7	9.800	9
10	10.6 B	8.050	5.946	9.200	35.7	125	90.8	33.0	30.1	26.8E	15.4	9.400	10
11	10.5 B	8.020	5.900	9.550	36.4	138	83.1	33.1	29.4	27.3E	15.2B	9.150	11
12	10.5 B	8.020	5.900	8.050	37.8	145	74.3	32.5	29.0	26.2E	15.2B	9.050	12
13	10.5 B	8.000	6.000	8.450	42.6	136	67.0	31.4	28.7	25.2E	15.4B	8.950	13
14	10.4 B	8.000	6.050	8.650	43.2	130	63.7	32.5	29.5	24.5E	16.0B	8.850	14
15	10.4 B	8.000	6.150	8.800	46.9	126	62.5	33.1	29.5	23.4E	16.4B	8.850	15
16	10.2 B	8.000	6.220	9.050	54.8	118	58.1	33.1	29.5	22.8E	16.4B	8.650	16
17	10.3 B	7.898	6.300	9.400	65.1	98.1	57.5	33.2	28.6	23.2E	16.2B	8.200	17
18	10.2 B	7.868	6.350	9.700	80.2	93.0	53.4	42.0	27.0	23.8E	16.6B	8.000	18
19	10.2 B	7.858	6.368	10.4 B	95.6	115	47.7	46.0	25.3	22.2E	15.1B	7.800	19
20	10.2 B	7.838	6.400	11.4 B	78.5	124	43.7	39.7	25.6	21.9E	14.6B	7.650	20
21	10.1 B	7.809	6.400	13.0 B	67.0	113	51.2	34.5	25.8	21.6E	14.2B	7.528	21
22	10.1 B	7.658	6.398	15.5 B	84.0	112	50.2	51.3	24.6	22.5E	14.0B	7.458	22
23	10.0 B	7.808	6.378	17.5	91.0	117	46.0	48.4	25.1	22.1E	13.8B	7.408	23
24	9.858	7.758	6.358	23.0	91.0	110	42.1	44.9	24.2	21.6C	13.7B	7.358	24
25	9.758	7.708	6.308	27.4	100	108	40.8	41.8	27.1	21.3A	13.5B	7.358	25
26	9.608	7.658	6.258	27.9	98.6	106	48.2	38.4	42.4	20.8E	13.4B	7.308	26
27	9.508	7.658	6.208	28.5	88.4	91.1	78.2	38.3	45.0	20.0E	13.2B	7.258	27
28	9.308	7.608	6.158	26.2	94.8	85.2	67.4	36.3	38.9	19.4	13.0B	7.258	28
29	9.158		6.178	44.0	182	82.3	57.1	36.3	34.7	19.4	12.7B	7.238	29
30	9.058		6.198	36.8	233	82.5	52.0	34.0	33.9	19.5	12.5B	7.228	30
31	8.908		6.158		282		49.7	32.0		23.5		7.228	31
TOTAL	316.30	224.35	185.45	426.93	2 282.3	3 903.4	2 524.2	1 227.9	917.8	770.4	488.1	274.15	TOTAL
MEAN	10.2	8.01	5.31	14.3	73.6	117	81.4	39.6	30.6	24.9	15.2	8.84	MEAN
MAX	11.2	8.70	7.20	44.0	282	245	191	58.7	45.0	33.3	23.9	12.2	MAX
MIN	8.90	7.60	5.84	8.15	32.8	82.3	42.1	31.4	24.2	19.4	12.5	7.22	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 39.0
MAXIMUM DAILY, 282 ON MAY 31
MINIMUM DAILY, 5.808 ON MAR 10
MAXIMUM INSTANTANEOUS,
277 AT 05:30 PST ON MAY 31

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 28 02 N
LONG 123 58 00 W
DRAINAGE AREA, 2 230 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	27 300	JUL	218 000
FEB	19 400	AUG	106 000
MAR	16 000	SEP	79 300
APR	37 100	OCT	66 600
MAY	197 000	NOV	42 000
JUN	303 000	DEC	23 700

TOTAL DISCHARGE, 1 140 000 dam³

OTTER CREEK AT TULAMEEN - STATION NO. 08NL023

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.468	0.736	1.44	3.08	12.5	8.40	1.28	0.711	0.381	0.251	0.201	0.468	1
2	0.468	0.720	1.44	3.17	13.8	7.43	1.28	0.683	0.343	0.255	0.224	0.467	2
3	0.493	0.701	1.40	3.28	14.3	6.36	1.23	0.675	0.330	0.267	0.262	0.490	3
4	0.498	0.621	1.37	3.47	14.0	5.57	1.22	0.638	0.316	0.269	0.253	0.450	4
5	0.518	0.683	1.36	3.40	13.0	4.90	1.18	0.646	0.309	0.286	0.248	0.430	5
6	0.524	0.680	1.33	3.43	12.3	4.35	1.12	0.498	0.305	0.288	0.228	0.422	6
7	0.588	0.681	1.32	3.83	11.9	3.96	1.08	0.479	0.304	0.280	0.225E	0.407	7
8	0.716	0.676	1.30	3.77	11.3	3.67	1.06	0.472	0.292	0.262	0.220E	0.442	8
9	0.733	0.675	1.30	4.01	10.5	3.31	1.05	0.483	0.280	0.230	0.222E	0.460	9
10	0.802	0.665	1.37	4.28	9.93	3.17	1.03	0.462	0.288	0.236	0.218E	0.490	10
11	0.813	0.656	1.58	4.28	9.77	2.98	1.02	0.485	0.288	0.241	0.210E	0.485	11
12	0.880	0.645	1.95	4.13	9.40	2.77	1.02	0.548	0.288	0.234	0.207E	0.480	12
13	0.861	0.680	2.39	3.97	9.22	2.67	1.01	0.572	0.279	0.232	0.201E	0.480	13
14	1.04	0.667	2.84	3.89	9.27	2.39	1.02	0.530	0.278	0.244	0.192E	0.480	14
15	1.08	0.654	3.07	3.78	9.65	2.21	0.988	0.524	0.270	0.264	0.188E	0.490	15
16	1.10	0.653	3.06	3.70	9.72	2.04	0.971	0.513	0.288	0.247	0.202	0.475	16
17	1.09	0.704	2.98	3.81	9.82	1.97	0.988	0.481	0.285	0.238	0.227	0.480	17
18	1.07	0.763	2.88	4.10	9.84	1.92	0.953	0.438	0.281	0.249	0.258	0.480	18
19	1.05	0.835	2.81	5.48	9.87	1.84	0.932	0.422	0.283	0.238	0.293	0.480	19
20	1.00	0.881	2.84	8.84	9.77	1.78	0.928	0.410	0.278	0.232	0.314	0.480	20
21	0.981	0.837	2.78	7.77	9.89	1.75	0.910	0.402	0.284	0.232	0.341	0.480	21
22	0.932	1.03	2.76	8.78	10.9	1.65	0.886	0.387	0.279	0.240	0.362	0.480	22
23	0.920	1.09	2.78	8.52	11.4	1.62	0.884	0.378	0.276	0.255	0.422	0.480	23
24	0.892	1.11	2.77	10.7	11.6	1.59	0.891	0.387	0.290	0.239	0.473	0.480	24
25	0.854	1.16	2.75	12.8	12.0	1.65	0.880	0.381	0.284	0.234	0.493	0.480	25
26	0.837	1.32	2.77	14.7	11.8	1.50	0.845	0.351	0.283	0.215	0.518	0.480	26
27	0.805	1.31	2.77	13.8	11.0	1.44	0.824	0.358	0.288	0.203	0.529	0.485	27
28	0.786	1.38	2.82	12.3	10.7	1.34	0.890	0.358	0.288	0.205	0.545	0.485	28
29	0.778		2.82	11.8	11.1	1.31	0.785	0.359	0.257	0.193	0.541	0.480	29
30	0.765		2.88	11.7	10.8	1.27	0.783	0.340	0.248	0.208	0.485	0.485	30
31	0.748		2.86		9.61		0.762	0.341		0.203		0.480	31
TOTAL	26.187	23.271	71.04	193.40	328.78	88.84	30.828	14.529	8.581	7.347	9.387	14.389	TOTAL
MEAN	0.813	0.831	2.29	6.45	10.6	2.96	0.986	0.469	0.286	0.237	0.312	0.464	MEAN
MAX	1.10	1.38	3.07	14.7	14.3	8.40	1.28	0.711	0.381	0.288	0.545	0.490	MAX
MIN	0.468	0.645	1.30	3.08	6.22	1.27	0.762	0.340	0.248	0.193	0.188	0.407	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.26
MAXIMUM DAILY, 14.7 ON APR 26
MINIMUM DAILY, 0.1885 ON NOV 15
MAXIMUM INSTANTANEOUS,
15.1 AT 13:10 PST ON APR 26

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 32 44 N
LONG 120 45 12 W
DRAINAGE AREA, 673 km²

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	2 189	JUL	2 640
FEB	2 010	AUG	1 280
MAR	6 140	SEP	741
APR	15 700	OCT	635
MAY	28 600	NOV	802
JUN	7 880	DEC	1 240

TOTAL DISCHARGE, 70 800 dam³

OTTER LAKE NEAR TULAMEEN - STATION NO. 08MLO59

DAILY WATER LEVEL IN METRES FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.818	0.840	0.883	1.058	1.512	1.212	0.804	0.639	0.585	0.845	0.818	0.877	1
2	0.818	0.906	0.858	1.058	1.526	1.178	0.804	0.639	0.589	0.845	0.823	0.877	2
3	0.818	0.888	0.883	1.058	1.539	1.138	0.802	0.627	0.557	0.845	0.831	0.878	3
4	0.818	0.884	0.882	1.058	1.504	1.088	0.800	0.615	0.559	0.845	0.839	0.873	4
5	0.818	0.884	0.886	1.060	1.480	1.057	0.794	0.609	0.557	0.849	0.843	0.873	5
6	0.818	0.882	0.883	1.074	1.436	1.014	0.787	0.605	0.555	0.847	0.845	0.871	6
7	0.816	0.882	0.883	1.080	1.438	1.006	0.785	0.603	0.555	0.848	0.847	0.869	7
8	0.816	0.880	0.881	1.088	1.408	1.005	0.771	0.605	0.549	0.849	0.853	0.877	8
9	0.828	0.880	0.888	1.084	1.350	1.004	0.763	0.605	0.547	0.851	0.859	0.878	9
10	0.848	0.859	0.980	1.100	1.300	0.998	0.755	0.603	0.551	0.853	0.865	0.878	10
11	0.862	0.856	0.981	1.100	1.288	0.984	0.749	0.601	0.557	0.851	0.867	0.881	11
12	0.878	0.858	1.002	1.095	1.269	0.952	0.745	0.605	0.557	0.849	0.868	0.881	12
13	0.890	0.854	1.023	1.095	1.236	0.906	0.743	0.606	0.557	0.849	0.719	0.881	13
14	0.902	0.855	1.027	1.094	1.232	0.900	0.741	0.593	0.557	0.853	0.721	0.883	14
15	0.904	0.859	1.027	1.092	1.230	0.893	0.741	0.589	0.557	0.855	0.785	0.883	15
16	0.906	0.863	1.028	1.092	1.284	0.880	0.738	0.582	0.557	0.861	0.783	0.885	16
17	0.908	0.865	1.027	1.092	1.280	0.876	0.737	0.578	0.557	0.865	0.789	0.885	17
18	0.908	0.877	1.028	1.094	1.268	0.858	0.737	0.577	0.557	0.867	0.785	0.885	18
19	0.908	0.888	1.028	1.095	1.260	0.858	0.728	0.578	0.555	0.869	0.804	0.885	19
20	0.910	0.895	1.043	1.266	1.252	0.858	0.726	0.573	0.555	0.871	0.835	0.885	20
21	0.910	0.895	1.041	1.276	1.294	0.858	0.721	0.571	0.553	0.871	0.841	0.883	21
22	0.912	0.898	1.037	1.332	1.318	0.852	0.715	0.569	0.551	0.869	0.858	0.881	22
23	0.926	0.913	1.035	1.376	1.356	0.844	0.715	0.567	0.549	0.869	0.858	0.881	23
24	0.942	0.927	1.037	1.418	1.366	0.840	0.705	0.565	0.549	0.867	0.872	0.881	24
25	0.960	0.933	1.033	1.484	1.370	0.838	0.699	0.563	0.548	0.870	0.870	0.881	25
26	0.972	0.941	1.029	1.480	1.348	0.832	0.697	0.561	0.547	0.867	0.877	0.881	26
27	0.978	0.947	1.025	1.472	1.330	0.826	0.678	0.559	0.547	0.863	0.878	0.881	27
28	0.978	0.949	1.027	1.458	1.304	0.822	0.671	0.559	0.547	0.863	0.878	0.883	28
29	0.978		1.048	1.444	1.282	0.814	0.663	0.557	0.545	0.866	0.878	0.887	29
30	0.976		1.054	1.448	1.266	0.806	0.665	0.557	0.545	0.868	0.878	0.887	30
31	0.972		1.055		1.218		0.667	0.555		0.868		0.887	31
MEAN	0.883	0.887	1.009	1.189	1.337	0.922	0.728	0.588	0.554	0.858	0.781	0.881	MEAN
MAX	0.978	0.949	1.088	1.484	1.528	1.212	0.804	0.639	0.589	0.869	0.878	0.887	MAX
MIN	0.814	0.853	0.881	1.058	1.218	0.858	0.667	0.555	0.545	0.845	0.818	0.869	MIN

SUMMARY FOR THE YEAR 1983

WATER LEVELS IN METRES

MEAN, 0.881
MAXIMUM DAILY, 1.528 ON MAY 3
MINIMUM DAILY, 0.545 ON SEP 29

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 33 02 N
LONG 120 46 30 W

REGULATED SINCE 1980

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 778.540 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

OWIKENO LAKE AT RIVERS INLET - STATION NO. 08FA007

DAILY WATER LEVEL IN METRES FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.500E	1.507	1.773	1.388	2.122	3.244	3.887	3.788	3.612	1.988	2.484	1.847	1
2	1.483E	1.481	1.718	1.388	2.188	3.283	3.888	3.838	3.900	1.893	2.382	1.812	2
3	1.488E	1.452	1.683	1.365	2.166	3.181	3.892	3.890	3.818	1.857	2.286	1.808	3
4	1.488E	1.423	1.808	1.338	2.182	3.051	3.810	3.874	3.987	1.868	2.610	1.887	4
5	1.483E	1.403	1.883	1.328	2.171	3.038	3.878	3.837	3.848	1.872	2.377	1.832	5
6	1.468A	1.363	1.528	1.328	2.147	3.283	3.888	3.832	3.804	1.828	2.276	1.808	6
7	1.833	1.358	1.488	1.340	2.138	3.257	3.812	3.733	3.864	1.872	2.191	1.381	7
8	1.784	1.345	1.472	1.353	2.088	3.287	3.838	3.882	3.886	1.928	2.117	1.370	8
9	1.848	1.328	1.588	1.381	2.028	3.388	3.886	3.738	3.851	1.984	2.032	1.352	9
10	1.880	1.331	1.717	1.344	1.970	3.347	3.834	3.788	3.481	1.974	1.881	1.334	10
11	1.870	1.407	1.767	1.330	1.844	3.427	3.844	3.785	3.411	2.008	1.828	1.338	11
12	2.174	1.844	1.788	1.329	1.858	3.304	3.188	3.717	3.388	2.035	1.851	1.343	12
13	2.188	1.788	1.724	1.307	2.003	3.004	3.243	3.881	3.488	2.088	1.838	1.389	13
14	2.118	1.835	1.880	1.288	2.084	2.888	3.331	3.817	3.578	2.083	1.802	1.430	14
15	2.018	1.843	1.887	1.281	2.087	2.888	3.318	3.868	3.517	2.108	1.857	1.831	15
16	1.935	1.818	1.837	1.308	2.058	3.023	3.848	3.808	3.488	2.084	2.187	1.827	16
17	1.887	1.788	1.885	1.324	2.093	3.802	3.843	3.484	3.508	2.018	2.232	1.418	17
18	1.858	1.782	1.880	1.287	2.132	3.845	3.811	3.483	3.418	1.984	2.184	1.381	18
19	1.817	1.782	1.838	1.407	2.135	3.743	3.805	3.411	3.383	1.913	2.128	1.388	19
20	1.838	1.781	1.811	1.471	2.308	3.682	3.880	3.377	3.188	1.857	2.048	1.334	20
21	1.902	1.738	1.482	1.535	2.310	3.838	3.878	3.341	3.183	1.838	1.984	1.318	21
22	1.843	1.721	1.488	1.880	2.388	3.813	3.838	3.318	3.085	3.317	1.878	1.281	22
23	1.777	1.743	1.448	1.857	2.443	3.827	3.758	3.334	3.044	2.303	1.813	1.287	23
24	1.718	1.841	1.428	1.893	2.841	3.880	3.721	3.343	3.034	2.382	1.788	1.258	24
25	1.885	2.002	1.407	1.888	2.844	3.884	3.728	3.321	3.013	2.388	1.725	1.333	25
26	1.831	1.981	1.388	1.881	2.880	3.887	3.738	3.287	3.201	2.874	1.712	1.188	26
27	1.833	1.898	1.381	1.848	2.842	3.852	3.832	3.288	3.324	3.048	1.783	1.188	27
28	1.838	1.838	1.378	1.878	2.884	3.871	3.808	3.323	3.287	3.843	1.873	1.188	28
29	1.894		1.388	1.848	2.880	3.885	3.858	3.372	2.142	2.832	1.837	1.178	29
30	1.888		1.388	2.044	3.177	2.882	3.788	3.371	2.848	2.878	1.883	1.178	30
31	1.838		1.383		3.251		3.783	3.383		2.884		1.174	31
MEAN	1.758	1.853	1.548	1.477	2.308	3.842	3.818	3.588	3.488	2.187	2.018	1.381	MEAN
MAX	2.188	2.002	1.773	2.044	3.251	3.887	3.881	3.898	3.884	3.848	2.484	1.847	MAX
MIN	1.444	1.331	1.388	1.281	1.844	2.813	3.488	3.288	2.813	1.829	1.883	1.174	MIN

SUMMARY FOR THE YEAR 1983

WATER LEVELS IN METRES

MEAN, 2.084
MAXIMUM DAILY, 3.887 ON JUN 19
MINIMUM DAILY, 1.174 ON DEC 31
MAXIMUM INSTANTANEOUS,
3.920 AT 10:13 PST ON JUN 10

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 40 40 N
LONG 127 10 30 W

A - MANUAL GAUGE

E - ESTIMATED

NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

OYAMA CREEK ABOVE WOOD LAKE IRRIGATION INTAKE - STATION NO. 08NM043

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.038B	0.034B	0.400E	0.314	1.33 E	0.477	0.316	0.305	0.286	0.078	0.028E	0.024B	1
2	0.037B	0.033B	0.380E	0.312	1.36 A	0.453	0.324	0.305	0.292	0.077	0.028E	0.022B	2
3	0.038B	0.032B	0.380E	0.316	1.37	0.441	0.326	0.292	0.282	0.077	0.028E	0.023B	3
4	0.040B	0.033B	0.370E	0.317	1.38	0.427	0.315	0.306	0.285	0.076	0.028E	0.022B	4
5	0.041B	0.031B	0.360E	0.337	1.41	0.416	0.304	0.352	0.283	0.076	0.028E	0.023B	5
6	0.044B	0.030B	0.360E	0.334	1.48	0.401	0.316	0.348	0.261	0.075	0.028E	0.022B	6
7	0.048B	0.033B	0.360E	0.351	1.56	0.385	0.307	0.347	0.150	0.073	0.028E	0.022B	7
8	0.047B	0.034B	0.366E	0.362	1.63	0.380	0.324	0.353	0.149	0.075	0.028E	0.023B	8
9	0.056B	0.036B	0.364A	0.333	1.61	0.377	0.326	0.353	0.147	0.074	0.027E	0.024B	9
10	0.048B	0.034B	0.374	0.303	1.48	0.387	0.311	0.380	0.163	0.077	0.027E	0.024B	10
11	0.046B	0.040B	0.397	0.290	1.41	0.344	0.307	0.388	0.157	0.077	0.028E	0.025B	11
12	0.044B	0.042B	0.383	0.285	1.49	0.318	0.310	0.358	0.153	0.071	0.028E	0.025B	12
13	0.041B	0.043B	0.369	0.278	1.49	0.308	0.305	0.380	0.150	0.071	0.028E	0.028B	13
14	0.038B	0.042B	0.382	0.277	1.48	0.296	0.307	0.351	0.148	0.073	0.028E	0.025B	14
15	0.038B	0.043B	0.385	0.288	1.50	0.318	0.307	0.346	0.146	0.073	0.036E	0.024B	15
16	0.040B	0.044B	0.391	0.322A	1.49	0.311	0.307	0.346	0.148	0.073	0.055	0.022B	16
17	0.041B	0.044B	0.403	0.328E	1.45	0.326	0.302	0.354	0.146	0.081	0.056	0.021B	17
18	0.041B	0.045B	0.381	0.330E	1.49	0.324	0.306	0.360	0.146	0.077	0.055	0.020B	18
19	0.042B	0.045B	0.361	0.332E	1.47	0.303	0.304	0.363	0.145	0.077	0.049	0.020B	19
20	0.041B	0.045B	0.335	0.343E	1.47	0.313	0.308	0.302	0.146	0.077	0.031E	0.019B	20
21	0.040B	0.048B	0.324	0.361E	1.43	0.306	0.299	0.361	0.144	0.077	0.028E	0.018B	21
22	0.035B	0.050B	0.322	0.272E	1.24	0.289	0.306	0.339	0.129	0.078	0.028E	0.017B	22
23	0.037B	0.100E	0.315	0.395E	1.03	0.285	0.299	0.356	0.080	0.078	0.026A	0.016B	23
24	0.036B	0.210E	0.317	0.415E	0.847	0.288	0.288	0.346	0.078	0.079	0.027	0.016B	24
25	0.035B	0.420E	0.310	0.430E	0.644	0.286	0.313	0.330	0.078	0.079	0.030	0.017B	25
26	0.038B	0.400E	0.307	0.500E	0.712	0.280	0.311	0.333	0.079	0.074	0.035	0.018B	26
27	0.036B	0.410E	0.309	0.660E	0.616	0.254	0.310	0.321	0.077	0.073	0.033	0.018B	27
28	0.037B	0.400E	0.303	0.720E	0.573	0.247	0.313	0.321	0.076	0.070	0.031	0.017B	28
29	0.035B		0.309	1.00 E	0.539	0.251	0.306	0.315	0.080	0.071	0.027	0.017B	29
30	0.034B		0.308	1.30 E	0.506	0.252	0.305	0.316	0.077	0.085	0.025B	0.018B	30
31	0.035B		0.311		0.480		0.301	0.279		0.050		0.019B	31
TOTAL	1.248	2.803	11.065	12.363	38.084	9.974	9.575	10.428	4.687	2.306	0.989	0.647	TOTAL
MEAN	0.040	0.100	0.355	0.412	1.23	0.332	0.309	0.336	0.156	0.074	0.033	0.021	MEAN
MAX	0.048	0.420	0.403	1.30	1.63	0.477	0.326	0.388	0.292	0.081	0.056	0.028	MAX
MIN	0.034	0.030	0.303	0.277	0.480	0.247	0.288	0.279	0.077	0.050	0.025	0.016	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.285
MAXIMUM DAILY, 1.63 ON MAY 8
MINIMUM DAILY, 0.016B ON DEC 23
MAXIMUM INSTANTANEOUS,
1.70 AT 14:18 PST ON MAY 8

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 06 57 N
LONG 119 20 05 W
DRAINAGE AREA, 44.0 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	108	JUL	827
FEB	242	AUG	901
MAR	951	SEP	405
APR	1 070	OCT	199
MAY	3 290	NOV	85.4
JUN	862	DEC	55.9

TOTAL DISCHARGE, 9 000 dam³

OYAMA LAKE AT THE OUTLET - STATION NO. 08NM224

DAILY WATER LEVEL IN METRES FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	---	---	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	2.377	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	1.881	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	2.184	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	2.776	---	---	---	---	---	---	10
11	---	---	---	---	2.887	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	2.821	---	---	---	---	---	12
13	---	---	---	---	2.961	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	2.436	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	1.859	---	18
19	---	---	2.185	---	2.887	---	---	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	1.880	---	---	---	22
23	---	---	---	---	---	2.743	---	---	---	---	---	---	23
24	---	---	---	2.377	---	---	---	2.073	---	---	---	---	24
25	---	---	---	---	2.804	---	---	---	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	2.347	---	---	---	---	---	---	---	---	---	---	27
28	---	---	---	---	---	---	---	---	---	---	---	---	28
29	---		---	---	---	---	2.436	---	---	---	---	---	29
30	---		---	---	---	2.887	---	2.012	---	1.798	---	---	30
31	2.436		---		2.804		---	---		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - MANUAL
LOCATION - LAT 50 06 56 N
LONG 119 16 43 W
DATA CONTRIBUTED BY -
BRITISH COLUMBIA MINISTRY OF ENVIRONMENT

REGULATED

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

OYSTER RIVER BELOW WOODHUS CREEK - STATION NO. 08HD011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	6.13	10.6	13.5	13.6	30.2	40.2	18.4	7.29	4.06	1.78	11.1	6.70	1
2	6.60	9.42	12.0	12.8	30.8	35.4	15.4	6.92	3.92	1.77	44.9	6.48	2
3	6.86	8.66	10.4	11.0	28.8	30.1	14.4	6.78	3.78	1.84	67.1	6.02	3
4	7.60	7.47	9.01	9.92	24.2	24.2	13.0	6.26	3.60	1.78	38.0	5.43	4
5	7.62	6.65	8.41	9.44	21.2	21.2	12.8	5.82	3.21	1.72	35.1	5.07	5
6	7.23	6.95	8.28	9.53	20.2	21.0	11.4	5.58	3.55	1.59	31.0	4.38	6
7	11.5	6.72	14.5	10.4	20.4	23.5	10.6	5.06	3.76	1.49	21.0	4.11	7
8	38.2	6.37	33.6	9.76	17.3	28.0	10.4	4.88	3.62	1.43	15.3	4.43	8
9	25.7	6.60	128	9.13	14.5	31.7	9.99	5.05	3.58	1.36	14.6	4.30	9
10	40.6	7.38	68.4	8.44	13.9	53.4	10.1	5.09	8.17	1.34	40.1	4.08	10
11	83.1	138	41.5	7.80	14.9	31.2	20.9	6.80	6.66	1.28	144	4.52	11
12	85.7	135	44.8	7.33	17.5	22.9	30.2	4.51	5.57	1.26	78.8	5.49	12
13	46.5	78.7	52.6	8.84	20.1	18.5	21.5	4.32	4.92	1.21	83.0	8.54	13
14	28.7	43.4	44.3	8.73	20.0	18.4	18.4	4.34	4.28	1.23	57.6	7.48	14
15	18.2	29.2	25.0	8.84	18.2	19.5	14.7	4.11	3.88	1.19	135	8.10	15
16	14.6	26.6	18.3	7.78	16.5	17.8	12.6	3.97	3.62	1.18	89.4	5.26	16
17	13.3	38.6	14.4	9.18	18.4	17.6	11.5	3.83	3.38	1.21	86.4	4.88	17
18	88.5	30.4	12.6	11.8	20.4	17.4	11.2	3.70	3.45	1.19	82.7	4.64	18
19	78.5	21.3	11.2	14.3	25.1	15.1	11.5	3.59	3.26	1.22	32.0	4.598	19
20	37.9	18.6	10.1	16.3	40.0	13.9	15.5	3.43	2.95	2.30	23.1	4.518	20
21	23.2	15.5	9.38	15.7	38.7	12.8	13.1	3.26	2.81	19.9	17.5	4.482	21
22	18.7	22.6	9.09	13.9	37.2	12.7	11.3	3.13	2.67	31.4	14.1	4.428	22
23	13.8	82.7	8.83	15.5	44.8	15.1	10.3	3.01	2.44	15.2	12.6	4.388	23
24	20.7	56.2	10.4	19.8	47.1	15.2	9.54	2.96	2.32	11.4	12.8	4.318	24
25	35.9	37.8	9.59	21.0	44.2	13.8	9.00	2.91	2.20	10.8	12.9	4.278	25
26	56.1	27.1	8.50	20.8	35.9	14.5	8.48	2.85	2.15	31.8	12.0	4.258	26
27	89.8	20.0	9.79	19.9	32.2	14.2	8.14	3.84	2.09	41.7	11.5	4.238	27
28	30.5	15.9	8.33	18.8	41.5	14.1	8.22	3.11	2.02	20.4	9.85	4.23	28
29	18.6		12.0	22.6	80.5	14.2	8.02	4.30	1.91	14.1	8.84	3.87	29
30	14.2		18.0	28.6	59.7	14.3	7.77	4.50	1.85	12.2	7.83	8.83	30
31	12.3		15.1		44.2		7.50	4.42		11.2		10.0	31
TOTAL	833.24	894.32	703.51	383.50	916.7	641.9	391.87	136.46	103.85	249.87	1 188.93	180.80	TOTAL
MEAN	30.1	31.9	22.7	13.1	29.6	21.4	12.6	4.40	3.46	8.05	39.0	5.19	MEAN
MAX	88.5	138	128	28.6	80.5	53.4	30.2	7.29	6.66	41.7	144	10.0	MAX
MIN	6.13	6.37	8.28	8.73	13.8	12.7	7.50	2.84	1.85	1.18	7.83	3.87	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 18.3
MAXIMUM DAILY, 144 ON NOV 11
MINIMUM DAILY, 1.18 ON OCT 18
MAXIMUM INSTANTANEOUS,
239 AT 18:03 PST ON FEB 11

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 53 36 N
LONG 125 14 18 W
DRAINAGE AREA, 298 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	80 600	JUL	33 900
FEB	77 300	AUG	11 600
MAR	60 600	SEP	8 970
APR	34 000	OCT	21 600
MAY	79 200	NOV	101 000
JUN	55 500	DEC	13 900

TOTAL DISCHARGE, 579 000 dam³

PACK RIVER AT OUTLET OF MCLEOD LAKE - STATION NO. 07EE010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	13.4	10.8	12.8	18.9	206	49.1	48.7E	47.7	11.1	9.27	15.2	15.9	1
2	13.8	10.9	13.0	19.5	203	45.1	46.5E	44.8	11.0	8.95	15.7	14.8	2
3	13.8	11.0	13.1	20.4	188	43.0	45.2E	44.9	10.7	8.97	17.3	14.0	3
4	13.6	11.0	13.1	21.4	194	41.4	44.6E	43.7	10.1	8.96	19.3	13.5	4
5	13.4	10.9	13.1	22.9	191	39.7	43.1E	42.1	9.61	8.86	20.8	12.9	5
6	13.4	10.8	13.1	24.9	188	37.5	42.0E	40.2	9.85	8.72	22.1	12.4	6
7	13.5	10.6	13.1	26.7	184	36.5	40.5E	38.3	9.91	8.60	23.9	11.8	7
8	13.2	10.4	13.2	33.6	181	36.7	53.2E	35.9	9.68	8.19	24.8	10.5	8
9	13.0	10.4	14.3	38.5	174	35.6	53.5E	33.9	9.77	8.22	24.3	9.95	9
10	12.7	10.5	14.8	43.9	171	35.0	52.8E	32.1	9.30	7.92	23.5	9.77	10
11	12.5	11.2	14.7	48.1	164	35.4	59.2E	30.1	9.26	7.87	23.8	9.52	11
12	12.6	11.8	14.9	51.7	155	35.8	66.3E	28.0	9.10	7.39	23.3	9.34	12
13	12.4	11.8	15.1	53.9	149	37.4	66.9E	26.1	9.32	7.10	22.6	9.32	13
14	12.0	11.8	15.6	55.6	141	38.4	74.3E	24.3	9.30	7.06	22.0	9.13	14
15	11.8	11.7	16.2	56.5	136	38.6	83.8E	22.5	9.30	7.11	21.8	9.01	15
16	11.7	11.7	16.7	56.5	133	37.7	83.8E	21.3	9.16	6.96	22.0	8.75	16
17	11.6	11.7	17.0	61.8	124	37.4	82.0E	20.4	8.84	7.02	22.0	8.20	17
18	11.5	11.6	17.4	66.8	122	36.8	76.2E	19.3	8.96	7.36	22.6	8.06	18
19	11.4	12.0	17.5	75.0	116	37.6	70.8E	18.5	9.12	7.98	23.1	7.84	19
20	11.2	12.1	17.7	84.5	110	39.1	69.7E	17.9	9.27	8.01	22.8	7.97	20
21	11.1	12.2	17.8	87.3	105	41.3	72.0E	17.6	8.90	8.88	22.2	8.93	21
22	10.8	12.3	17.7	111	98.7	42.3	73.9E	16.9	8.76	11.1	21.9	8.87	22
23	10.6	12.3	17.8	123	93.4	42.6	72.6E	16.3	8.45	12.4	21.8	8.70	23
24	10.3	12.5	17.7	137	87.6	43.7	70.0E	15.6	8.51	13.0	20.7	8.26	24
25	10.2	12.5	17.8	153	82.3	47.3	68.0E	15.0	8.23	12.8	20.0	8.88	25
26	10.2	12.6	17.8	168	78.5	48.8	64.8E	14.4	8.54	13.8	19.8	8.59	26
27	10.4	12.6	17.8	181	71.1	50.3	61.1E	13.7	8.86	14.1	19.2	8.57	27
28	10.6	12.8	18.0	196	65.9	50.4	59.3A	12.9	9.15	14.3	18.2	8.48	28
29	10.7		18.3	197	61.9	49.4	57.3	13.6	9.11	14.4	17.5	8.14	29
30	10.8		18.5	204	57.9	48.3A	54.3	12.3	9.34	14.8	16.8	8.05	30
31	10.8		18.7		53.3		50.8	11.9		15.1		8.10	31
TOTAL	389.3	325.2	494.0	2 447.8	4 106.8	1 236.2	1 815.1	791.2	280.39	306.91	630.8	275.81	TOTAL
MEAN	11.9	11.6	15.9	81.6	132	41.2	61.8	25.5	9.35	9.90	21.0	8.90	MEAN
MAX	13.8	12.8	18.7	204	206	50.4	83.8	47.7	11.1	15.1	24.8	15.8	MAX
MIN	10.2	10.4	12.8	18.9	53.3	34.7	42.0	11.9	8.23	8.86	15.2	8.06	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 35.1
MAXIMUM DAILY, 206 ON MAY 1
MINIMUM DAILY, 8.06 ON DEC 30
MAXIMUM INSTANTANEOUS,
207 AT 16:10 PST ON MAY 1

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 59 45 N
LONG 123 02 06 W
DRAINAGE AREA, 3 890 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	31 900	JUL	185 000
FEB	28 100	AUG	88 400
MAR	42 700	SEP	24 200
APR	211 000	OCT	28 500
MAY	353 000	NOV	54 500
JUN	107 000	DEC	23 600

TOTAL DISCHARGE, 1 140 000 dam³

PALLANT CREEK NEAR QUEEN CHARLOTTE - STATION NO. 08OB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.83	16.0	7.65	7.65	2.18	1.50	2.12	2.24	---	7.72	15.4	2.69	1
2	8.16	14.3	8.80	8.86	2.11	1.41	2.08	11.3	---	6.67	14.7	2.67	2
3	8.41	11.3	5.91	10.4	2.20	1.35	2.01	6.63	---	6.74	16.1	2.53	3
4	7.69	9.43	5.09	9.14	2.42	1.52	2.09	5.89	---	7.00	15.1	2.36	4
5	8.07	7.98	4.45	12.8	1.93	1.66	2.41	5.92	---	5.79	13.5	2.21	5
6	17.5	7.82	3.77	12.7	1.82	1.64	2.30	5.12	---	4.93	21.0	2.13	6
7	28.0	8.34	3.31	10.1	1.92	1.58	2.84	4.39	---	4.72	15.2	2.00	7
8	21.6	7.80	8.44	8.74	1.64	1.76	2.67	3.63	---	7.26	12.0	1.99	8
9	15.3	8.27	8.45	7.63	1.88	2.09	2.45	3.14	---	5.89	10.9	2.85	9
10	12.6	7.54	10.3	6.48	1.81	1.97	3.61	2.71	---	5.05	10.2	3.16	10
11	29.5	8.19	10.5	5.58	1.58	1.88	3.20	2.47	---	4.34	18.4	5.23	11
12	22.7	15.2	12.4	5.02	1.47	1.85	2.86	2.32	---	3.79	13.6	8.04	12
13	17.9	12.2	10.3	4.30	1.43	1.89	2.92	2.81	---	3.35	12.2	8.03A	13
14	15.7	12.2	8.80	3.80	1.52	2.18	2.71	2.44	---	2.95	11.0	5.90A	14
15	14.7	13.8	7.27	3.48	1.37	2.76	2.46	4.08	---	2.76	12.4	---	15
16	12.0	11.8	6.18	3.05	1.38	5.07	2.28	3.10	---	3.83	11.1	---	16
17	11.6	12.8	5.34	2.90	1.82	7.39	2.15	3.80	---	3.82	12.9	---	17
18	12.1	10.2	4.82	2.95	1.43	8.23	2.04	4.82	---	9.39	10.7	---	18
19	11.3	8.73	4.02	2.72	2.07	5.10	1.82	8.26	---	13.1	9.41	---	19
20	9.45	10.8	3.56	2.58	3.30	4.36	1.78	5.00	---	14.3	8.03	---	20
21	7.93	9.88	3.06	2.51	2.08	3.77	1.73	4.20	3.03A	15.8	8.98	---	21
22	8.72	9.48	2.77	2.26	1.98	3.39	1.62	3.62	2.72	16.1	8.24	---	22
23	9.67	13.6	2.86	2.23	1.93	3.12	1.56	4.15	2.87	13.6	8.51	---	23
24	8.35	10.6	2.37	2.37	1.89	2.80	1.39	5.53	16.1	27.5	5.84	---	24
25	15.2	9.89	2.15	2.49	2.45	2.44	1.31	5.71	30.6	25.4	5.22	---	25
26	16.6	8.88	2.38	2.54	1.93	2.23	1.22	4.59	24.0	16.9	4.41	---	26
27	12.6	10.5	5.47	2.38	2.13	2.19	1.16	8.87	17.9	16.1	3.78	---	27
28	13.9	8.96	4.24	2.26	2.15	2.16	1.12	8.99A	13.6	24.9	3.50	---	28
29	16.5		4.05	2.29	2.06	2.25	1.08	---	11.1	27.9	3.17	---	29
30	14.8		5.04	2.24	1.97	2.00	1.73	---	9.19	20.4	2.89	---	30
31	15.0		8.32		1.86		2.05	---		15.5		---	31
TOTAL	425.80	297.79	176.30	153.85	59.38	81.72	85.10	---	---	343.46	312.38	---	TOTAL
MEAN	13.7	10.6	5.69	5.13	1.91	2.72	2.10	---	---	11.1	10.4	---	MEAN
MAX	29.5	16.0	12.4	12.8	3.30	7.39	3.61	---	---	27.9	21.0	---	MAX
MIN	4.83	7.54	2.15	2.23	1.37	1.35	1.08	---	---	2.70	2.89	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 30.6 ON SEP 25

MAXIMUM INSTANTANEOUS,
33.7 AT 05:56 PST ON SEP 25

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 03 10 N
LONG 132 02 20 W
DRAINAGE AREA, 78.7 km²
A - MANUAL GAUGE

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	35 800	JUL	5 820
FEB	25 700	AUG	---
MAR	15 200	SEP	---
APR	13 300	OCT	29 700
MAY	5 120	NOV	27 000
JUN	7 060	DEC	---

PALLISER RIVER IN LOT 5149 - STATION NO. 08NF005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.780	2.970	3.06	3.24	11.5	68.2	46.4	23.5	11.4	7.08	8.11	3.688	1
2	3.780	3.150	2.91	3.36	11.0	67.0	41.8	25.6A	11.8	6.79	5.87	3.658	2
3	3.760	3.078	3.11	3.45	11.1	62.5	46.6	24.8	11.0	6.71	6.82	3.578	3
4	3.778	2.948	3.06	3.36	11.2	60.0	48.5	22.6	10.7	6.74	8.27	3.498	4
5	3.808	2.718	3.05	3.31	11.3	52.4	50.8	22.3	10.6	6.39	8.75	3.498	5
6	3.688	2.518	2.79	3.45	11.6	48.3	52.5	21.9	9.67	6.13	8.21	3.408	6
7	3.968	2.608	2.56	3.80	12.9	53.9	52.6	20.2	10.3	5.94	7.44	3.808	7
8	4.188	2.738	2.61A	3.88	13.6	57.8	45.8	19.1	9.87	5.91	7.80	3.848	8
9	4.108	2.878	2.83	3.73	13.0	60.6	40.8	19.5	9.80	5.87	6.88	3.158	9
10	3.978	2.898	2.95	3.68	12.3	58.9	37.4	19.1	9.63	5.72	5.67	3.688	10
11	3.808	2.898	2.84	3.47	12.1	60.0	34.5	19.8	9.44	5.55	5.76	3.658	11
12	3.808	3.048	2.84	3.57	12.4	61.1	89.3	21.1	9.34	5.35	5.83	3.908	12
13	3.788	3.188	2.87	3.42	12.9	28.2	71.8	18.0	9.21	5.17	5.59	3.908	13
14	3.588	3.148	2.87	3.50	13.5	35.7	71.4	17.1	9.54	5.16	5.77	3.958	14
15	3.208	3.118	2.97	3.63	13.8	39.5	69.5	16.9	9.31	5.13	5.89	3.958	15
16	2.838	3.088	2.81	3.89	14.4	40.4	50.7	15.2	8.98	4.97	5.78	3.758	16
17	2.918	2.958	2.44	3.06	14.2A	39.9	46.8	14.6	8.88	4.90A	5.60	3.408	17
18	3.258	3.028	2.24	3.73A	16.5	47.3	41.3	14.3	8.51	4.65	5.64	3.708	18
19	3.448	3.008	2.30	4.45	16.1	36.0	38.2	13.3	7.91	4.45	5.41	3.618	19
20	3.418	2.978	2.28	4.92	16.8	33.0	38.4	13.2	7.76	4.21	5.17	3.408	20
21	3.228	2.988	2.21	8.38	17.8	30.8	37.8	12.3	7.37	4.38	4.97	3.408	21
22	3.288	2.958	2.08	8.04	22.3	34.6	33.8	11.8	7.43	5.21	4.90	3.408	22
23	3.448	2.948	2.26	8.89	28.4	44.6	32.3	11.6	7.20	5.47	4.80	3.398	23
24	3.418	3.018	2.36	16.8	36.0	58.3	31.3	14.0	7.01	5.02	4.56	3.338	24
25	3.378	3.188	2.32	20.6	46.6	60.9	33.8	15.6	8.95	4.89	4.89	3.438	25
26	3.368	3.48	2.32	17.4	61.0	38.7	32.1	14.8	7.89	4.78	4.71	3.608	26
27	3.408	3.48	2.31	18.0	70.5	40.8	28.7	12.8	8.70	4.74	4.87	3.888	27
28	3.448	3.22	2.36	12.6	70.8	42.8	24.4	12.4	8.20	4.68	4.33	3.888	28
29	3.338		2.30	12.1	82.9	42.9	24.3	12.0	7.72	4.58	3.888	3.888	29
30	3.088		2.40	11.9	84.4	48.9	24.0	11.8	7.24	4.83	3.908	3.178	30
31	2.878		2.31		72.4		23.2	11.6		5.42		3.348	31
TOTAL	108.34	84.29	78.53	185.81	853.7	1 412.2	1 295.1	521.9	258.85	166.87	174.87	92.42	TOTAL
MEAN	3.52	3.01	2.87	8.19	27.5	47.1	41.8	16.8	8.87	5.37	5.82	2.98	MEAN
MAX	4.18	3.48	3.11	30.6	84.4	86.2	71.8	25.6	11.8	7.08	9.27	3.98	MAX
MIN	2.88	2.51	2.08	2.24	11.0	30.9	23.2	11.6	6.95	4.21	3.88	2.33	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 14.4
MAXIMUM DAILY, 84.4 ON MAY 30
MINIMUM DAILY, 2.08 ON MAR 22
MAXIMUM INSTANTANEOUS,
84.2 AT 00:36 MST ON MAY 30

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 31 31 N
LONG 115 37 09 W
DRAINAGE AREA, 853 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	9 640	JUL	112 000
FEB	7 260	AUG	48 100
MAR	6 870	SEP	23 200
APR	15 100	OCT	14 400
MAY	73 800	NOV	15 100
JUN	122 000	DEC	7 980

TOTAL DISCHARGE, 453 000 dam³

PARSNIP RIVER ABOVE MISINCHINKA RIVER - STATION NO. 07EB007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	28.38	29.38	27.38	73.08	315	493	186	172 E	103 E	121	180	56.08	1
2	28.58	29.28	27.28	76.28	295	423	176	178 E	120 E	108	162	60.08	2
3	28.28	29.08	27.28	78.58	286	357	162	180 E	172 E	103	176	58.58	3
4	35.08	28.78	27.28	80.08	330	307	155	170 E	240 E	110	219	58.08	4
5	34.88	28.58	27.08	80.58	342	276	142	155 E	205 E	124	221	57.58	5
6	34.58	28.48	26.98	78.58	364	278	133	142 E	178 E	125	196	55.08	6
7	34.38	28.28	27.08	76.08	386	331	203	135 E	215 E	115	189	45.08	7
8	34.18	28.18	27.18	76.08	374	305	246	129 E	180 E	105	187	41.08	8
9	33.98	28.08	27.38	74.08	344	291	195	127 E	148 E	96.3	132	44.58	9
10	33.88	27.98	27.78	74.58	295	328	172	143 E	125 E	92.9	118	45.08	10
11	33.58	27.68	28.28	75.88	269	423	186	155 E	111 E	88.2	111	46.58	11
12	33.28	27.78	28.78	78.08	251	359	328	148 E	101 E	83.7	105	47.58	12
13	32.08	27.68	31.28	84.08	251	340	301	130 E	100 E	80.6	103	46.58	13
14	32.88	27.58	33.58	86.18	255	293	351	126 E	123 A	80.8	101	45.88	14
15	32.98	27.58	40.08	90.58	269	257	498	125 E	129	85.0	100	44.59	15
16	32.28	27.58	45.88	92.88	310	250	415	118 E	139	87.7	102	42.58	16
17	32.08	27.58	48.98	104	368	236	338	186 E	180	84.1	111	41.08	17
18	31.78	27.58	49.58	151	342	223	270	202 E	164	81.1	123	40.09	18
19	31.28	27.58	48.28	208	316	237	228	170 E	119	88.4	122	38.58	19
20	31.18	27.58	46.58	229	347	388	189	140 E	104	117	114	37.58	20
21	30.88	27.58	44.58	255	488	375	368	105 E	86.3	123	98.9	37.08	21
22	30.58	27.58	44.28	293	443	312	359	97.0E	82.5	188	85.3	36.78	22
23	30.38	27.58	44.88	301	413	281	287	88.0E	87.5	212	81.6	38.58	23
24	30.18	27.58	46.08	359	401	329	212	88.5E	85.0	180	81.58	38.28	24
25	30.08	27.58	47.58	428	411	321	184	88.0E	102	147	80.58	35.88	25
26	29.98	27.58	50.08	386	426	302	180A	87.0E	180	148	80.08	35.08	26
27	29.88	27.48	52.58	334	377	245	200E	88.0E	314	178	78.58	34.58	27
28	29.88	27.48	56.38	333	351	205	240E	88.5E	241	174	76.58	34.38	28
29	29.88		60.08	352	439	178	205E	100 E	178	146	76.58	33.88	29
30	29.58		63.88	348	505	178	170E	102 E	142	128	72.08	33.58	30
31	29.48		68.08		526		165E	101 E		163		33.38	31
TOTAL	1 000.4	780.7	1 256.8	5 384.4	11 181	9 042	7 400	4 110.0	4 405.J	3 739.0	3 626.2	1 353.5	TOTAL
MEAN	32.3	27.9	40.5	179	380	301	239	133	147	121	121	43.7	MEAN
MAX	36.3	29.3	68.0	428	526	493	498	202	314	212	221	68.0	MAX
MIN	28.4	27.4	26.9	73.0	251	178	133	97.0	85.0	80.8	72.0	33.3	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 148
MAXIMUM DAILY, 526 ON MAY 31
MINIMUM DAILY, 26.98 ON MAR 6
MAXIMUM INSTANTANEOUS,
543 AT 12:55 PST ON MAY 31

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 04 41 N
LONG 122 54 17 W
DRAINAGE AREA, 4 900 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	88 400	JUL	638 000
FEB	67 500	AUG	355 000
MAR	109 000	SEP	381 000
APR	483 000	OCT	323 000
MAY	984 000	NOV	313 000
JUN	781 000	DEC	117 000

TOTAL DISCHARGE, 4 800 000 dam³

PASAYTEN RIVER ABOVE CALCITE CREEK - STATION NO. 08NL089

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.808	2.108	2.28	2.30	13.2	88.7	18.6	9.48	4.84	2.58	2.71	1.15 B	1
2	1.808	2.008	2.19	2.37	14.1	74.1	17.5	8.89	5.05	2.49	3.07	0.8008	2
3	2.058	1.708	2.16	2.40	14.2	60.6	17.4	8.19	4.94	2.53	5.07	0.8008	3
4	2.308	2.008	2.27	2.28	14.4	50.6	15.8	7.58	4.35	2.58	6.06	0.8408	4
5	2.428	2.258	2.28	2.17	15.7	42.2	15.3	7.22	3.87	2.62	4.58	1.38 B	5
6	2.478	2.558	2.18	2.34	16.8	38.3	16.2	7.01	3.85	2.44	4.07	1.38 B	6
7	2.588	3.008	2.07	2.81	17.0	38.1	15.2	6.87	3.40	2.48	3.54	1.32 B	7
8	2.858	2.758	2.06	2.82	16.6	41.1	13.8	6.86	3.31	2.39	3.35	1.28 B	8
9	3.158	2.488	2.14	2.48	15.2	40.7	14.3	6.77	3.31	2.32	3.07	1.22 B	9
10	3.508	2.208	2.66	2.48	14.7	38.3	12.8	6.95	3.37	2.30	2.95	1.32 B	10
11	4.008	2.258	2.84	2.38	15.0	32.7	12.4	6.80	4.65	2.23	3.02	1.50 B	11
12	3.688	3.408	2.57	2.34	15.8	28.8	18.0	7.78	4.29	2.15	3.07	1.70 B	12
13	3.308	2.858	2.57	2.28	16.7	26.6	19.4	8.88	3.88	2.12	2.91	1.87 B	13
14	2.908	2.608	2.62	2.30	18.4	23.6	18.7	8.21	3.48	2.15	2.88	1.82 B	14
15	2.658	2.508	2.55	2.43	18.0	23.3	16.2	8.80	3.19	2.18	2.94	1.80 B	15
16	2.758	2.43	2.61	2.83	18.3	27.3	14.8	8.23	3.05	2.11	3.07	1.58 B	16
17	2.808	2.43	2.46	3.03	18.8	24.8	14.4	8.87	3.18	2.18	3.06	1.47 B	17
18	2.858	2.62	2.46	4.07	18.4	26.7	13.6	8.73	3.38	2.18	3.02	1.25 B	18
19	3.008	2.80	2.48	5.35	19.1	24.3	12.8	8.58	3.22	2.12	2.90	1.10 B	19
20	3.008	2.49	2.52	7.05	22.8	20.5	13.7	8.38	3.09	2.17	2.90	0.7408	20
21	3.008	2.39	3.00	8.39	30.0	18.5	12.8	8.28	3.12	2.15	2.88	0.5308	21
22	2.808	2.05	2.88	8.99	35.7	17.7	11.8	8.15	3.08	2.77	2.75	0.4508	22
23	2.708	1.88	2.81	10.4	45.8	17.3	11.8	8.04	3.01	2.73	2.67	0.4208	23
24	2.508	2.04	2.71	12.7	53.0	20.0	13.6	8.54	2.85	2.64	2.80	0.4808	24
25	2.428	2.61	2.78	12.8	60.5	18.9	12.7	8.84	2.77	2.63	2.81	0.7508	25
26	2.808	2.54	2.80	11.5	61.9	17.8	11.1	8.83	2.71	2.58	2.88	1.00 B	26
27	2.708	2.44	2.80	11.2	63.1	18.0	10.2	8.28	2.88	2.52	2.88	1.22 B	27
28	2.408	2.27	2.80	11.4	71.3	18.2	10.3	8.15	2.88	2.45	2.81	1.32 B	28
29	2.308		2.62	11.5	80.3	18.0	9.83	8.12	2.88	2.39	2.82	1.42 B	29
30	2.278		2.73	12.9	110	21.9	9.48	3.83	2.69	2.36	1.758	1.55 B	30
31	2.228		2.31		108		9.48	3.82		2.48		1.85 B	31
TOTAL	83.74	66.41	77.83	198.15	1 061.5	988.9	434.68	181.05	104.32	74.89	93.99	38.180	TOTAL
MEAN	2.70	2.37	2.50	6.84	34.2	31.9	14.0	5.84	3.48	2.42	3.13	1.17	MEAN
MAX	4.00	3.00	3.00	12.9	110	88.7	19.4	8.99	5.05	2.73	6.06	1.70	MAX
MIN	1.80	1.70	2.06	2.17	13.2	17.3	9.48	3.82	2.69	2.11	1.75	0.430	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 9.15
MAXIMUM DAILY, 110 ON MAY 30
MINIMUM DAILY, 0.4308 ON DEC 23
MAXIMUM INSTANTANEOUS,
124 AT 05:10 PST ON MAY 30

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 05 55 N
LONG 120 34 36 W
DRAINAGE AREA, 583 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	7 240	JUL	27 800
FEB	6 740	AUG	15 800
MAR	6 710	SEP	9 010
APR	14 800	OCT	6 480
MAY	91 700	NOV	5 130
JUN	82 700	DEC	3 130

TOTAL DISCHARGE, 289 000 dam³

PAUL CREEK AT THE OUTLET OF PINANTAN LAKE - STATION NO. 08LB012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.073E	0.097	0.135	0.345	1.67	0.536	0.194	0.150E	0.038	0.055	0.085	0.158	1
2	0.070E	0.097	0.138	0.357	1.68	0.493	0.186	0.138	0.045	0.043	0.090	0.153	2
3	0.072E	0.097	0.138	0.357	1.74	0.467	0.198	0.126	0.047	0.051	0.090	0.150	3
4	0.080E	0.097	0.138	0.359	1.73	0.450	0.196	0.118	0.049E	0.056	0.092	0.147	4
5	0.088E	0.097	0.145	0.359	1.79	0.407E	0.196	0.109	0.051E	0.059	0.091	0.145	5
6	0.092	0.096	0.145	0.367	1.75	0.362	0.189	0.104	0.053	0.058	0.088E	0.145	6
7	0.092	0.094	0.145E	0.374	1.71	0.321	0.178	0.098E	0.053	0.059	0.080	0.139	7
8	0.092	0.094	0.145	0.378	1.71	0.298	0.178E	0.094	0.052	0.057	0.092	0.138	8
9	0.093	0.094	0.151	0.382	1.68	0.277	0.178	0.090	0.051	0.058E	0.090	0.134	9
10	0.096	0.094	0.181	0.400E	1.61	0.238	0.178	0.092	0.051	0.056	0.087	0.132	10
11	0.098	0.093	0.189	0.405	1.59	0.225	0.178	0.090	0.050	0.054	0.092	0.130E	11
12	0.096	0.093	0.213	0.415	1.47	0.218	0.178	0.090	0.057	0.053	0.091	0.128	12
13	0.098	0.093	0.232E	0.417	1.43	0.215	0.185	0.087	0.059	0.053	0.094E	0.124	13
14	0.097	0.092	0.254	0.438	1.42	0.200	0.173	0.084E	0.063	0.055	0.098	0.120	14
15	0.097	0.092	0.265	0.408	1.18	0.202	0.178	0.080	0.085	0.059	0.105	0.117	15
16	0.097	0.092	0.271	0.403	1.16	0.204	0.188	0.073	0.073	0.063E	0.104	0.114	16
17	0.094	0.092	0.275	0.400E	1.13	0.196	0.187E	0.069	0.092	0.069	0.111	0.112	17
18	0.094	0.093	0.280	0.388	1.09	0.189	0.215	0.068	0.100E	0.071	0.120	0.108E	18
19	0.093	0.093	0.282	0.400	0.988	0.185E	0.215	0.087	0.109	0.075	0.125	0.108	19
20	0.093	0.093	0.282E	0.400	0.808	0.182	0.215	0.083	0.116	0.076	0.131	0.104	20
21	0.092	0.104	0.284	0.430	1.08	0.230	0.218	0.059E	0.120	0.078	0.135E	0.102	21
22	0.092	0.104	0.284	0.484	0.958	0.232	0.217	0.054	0.120	0.080	0.139	0.099	22
23	0.092E	0.117	0.284	0.514	0.972	0.234	0.207	0.051	0.117	0.082	0.145	0.098	23
24	0.093	0.131	0.284	0.804	0.918	0.236	0.204E	0.048	0.116	0.081	0.148	0.094	24
25	0.093	0.137	0.282	0.788	0.888	0.223	0.200	0.043	0.087E	0.083E	0.155	0.093E	25
26	0.092	0.145	0.282	1.04	0.838	0.215	0.198	0.038	0.070E	0.085	0.154	0.092E	26
27	0.092	0.145	0.282E	1.09	0.778	0.207	0.189	0.036	0.053	0.085	0.175	0.092	27
28	0.092	0.145	0.276	1.55	0.724	0.204	0.185	0.037E	0.051	0.085	0.178	0.087	28
29	0.093		0.271	1.84	0.688	0.196	0.173	0.038	0.051	0.086	0.175	0.085	29
30	0.093		0.338	1.85	0.628	0.194	0.173	0.037	0.051	0.088E	0.181	0.081	30
31	0.084		0.335		0.574		0.163E	0.037		0.085		0.079	31
TOTAL	2.825	2.911	7.185	17.498	38.388	8.039	5.929	2.388	2.121	2.097	3.529	3.809	TOTAL
MEAN	0.091	0.104	0.232	0.583	1.24	0.268	0.191	0.075	0.071	0.068	0.118	0.116	MEAN
MAX	0.098	0.145	0.338	1.85	1.79	0.536	0.219	0.150	0.120	0.086	0.178	0.158	MAX
MIN	0.070	0.092	0.135	0.345	0.574	0.182	0.163	0.036	0.039	0.043	0.080	0.079	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.264
MAXIMUM DAILY, 1.79 ON MAY 4
MINIMUM DAILY, 0.036 ON AUG 27

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - MANUAL
LOCATION - LAT 50 43 30 N
LONG 120 01 58 W
DRAINAGE AREA, 55.7 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	244	JUL	512
FEB	252	AUG	205
MAR	621	SEP	183
APR	1 510	OCT	181
MAY	3 320	NOV	305
JUN	695	DEC	312

TOTAL DISCHARGE, 8 240 dam³

PAVILION CREEK ABOVE DIVERSIONS - STATION NO. 08MD028

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	0.339	0.220	0.169	0.127	0.110	---	---	1
2	---	---	---	---	---	0.345	0.352	0.155	0.137	0.110	---	---	2
3	---	---	---	---	---	0.383	0.334	0.184	0.130	0.109	---	---	3
4	---	---	---	---	---	0.352	0.316	0.181	0.125	0.111A	---	---	4
5	---	---	---	---	---	0.331	0.312	0.159	0.123	---	---	---	5
6	---	---	---	---	---	0.318	0.311	0.153	0.121	---	---	---	6
7	---	---	---	---	---	0.310	0.307	0.150	0.123	---	---	---	7
8	---	---	---	---	---	0.298	0.308	0.151	0.122	---	---	---	8
9	---	---	---	---	---	0.286	0.304	0.148	0.120	---	---	---	9
10	---	---	---	---	---	0.282	0.287	0.142	0.122	---	---	---	10
11	---	---	---	---	0.137A	0.288	0.285	0.138	0.123	---	---	---	11
12	---	---	---	---	0.128	0.271	0.274	0.150	0.120	---	---	---	12
13	---	---	---	---	0.128	0.252	0.261	0.144	0.118	---	---	---	13
14	---	---	---	---	0.126	0.248	0.262	0.143	0.114	---	---	---	14
15	---	---	---	---	0.128	0.238	0.280	0.138	0.115	---	---	---	15
16	---	---	---	---	0.132	0.227	0.268	0.138	0.120	---	---	---	16
17	---	---	---	---	0.142	0.224	0.252	0.138	0.119	---	---	---	17
18	---	---	---	---	0.147	0.220	0.238	0.134	0.117	---	---	---	18
19	---	---	---	---	0.154	0.211	0.225	0.130	0.113	---	---	---	19
20	---	---	---	---	0.177	0.248	0.317	0.131	0.112	---	---	---	20
21	---	---	---	---	0.208	0.233	0.258	0.127	0.114	---	---	---	21
22	---	---	---	---	0.236	0.218	0.235	0.125	0.112	---	---	---	22
23	---	---	---	---	0.273	0.221	0.219	0.123	0.111	---	---	---	23
24	---	---	---	---	0.308	0.220	0.210	0.124	0.112	---	---	---	24
25	---	---	---	---	0.328	0.208	0.208	0.124	0.111	---	---	---	25
26	---	---	---	---	0.338	0.244	0.201	0.124	0.110	---	---	---	26
27	---	---	---	---	0.348	0.239	0.191	0.124	0.110	---	---	---	27
28	---	---	---	---	0.358	0.211	0.187	0.123	0.109	---	---	---	28
29	---		---	---	0.356	0.235	0.185	0.123	0.108	---	---	---	29
30	---		---	---	0.351	0.220	0.178	0.122	0.109	---	---	---	30
31	---		---		0.348		0.173	0.121		---		---	31
TOTAL	---	---	---	---	---	7.898	7.988	4.349	3.526	---	---	---	TOTAL
MEAN	---	---	---	---	---	0.263	0.257	0.140	0.118	---	---	---	MEAN
MAX	---	---	---	---	---	0.383	0.352	0.169	0.137	---	---	---	MAX
MIN	---	---	---	---	---	0.208	0.173	0.121	0.108	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 0.383 ON JUN 3

MAXIMUM INSTANTANEOUS,
0.405 AT 11:20 PST ON JUN 3

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 54 41 N
LONG 121 43 04 W
DRAINAGE AREA, 37.1 km²
A - MANUAL GAUGE

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	888
FEB	---	AUG	378
MAR	---	SEP	305
APR	---	OCT	---
MAY	---	NOV	---
JUN	682	DEC	---

PEACE RIVER ABOVE ALCES RIVER - STATION NO. 07FD010

DAILY WATER LEVEL IN METRES FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.070	4.788	3.451	2.626	2.544	3.690	4.150	4.170	2.272	3.575	3.116	2.288	1
2	3.100	4.683	3.478	2.581	2.274	3.302	3.912	4.238	2.587	3.534	3.121	2.252	2
3	3.028A	4.603	3.497	2.563	2.729	3.183	4.164	4.101	3.385	3.458	3.112	2.335	3
4	2.975A	4.718	3.643	1.941	2.891	2.792	4.500	4.031	3.261	3.510	3.130	2.257	4
5	3.012	4.634	3.578	1.305	2.929	2.369	5.226	3.808	3.117	3.377	2.970	2.255	5
6	3.115	4.853	3.582	1.304	2.569	2.174	5.381	3.655	2.856	3.291	3.066	2.383	6
7	3.287	4.861	3.529	1.439	2.729	2.357	5.391	3.425	3.382	3.204	3.238	2.685	7
8	2.748	4.840	3.568	1.539	2.666	2.385	5.443	3.411	3.317	3.354	3.239	3.141	8
9	2.434	4.728	3.502	1.481	2.782	2.712	5.995	3.038	3.375	3.399	3.283	2.933	9
10	2.333	4.836	3.600	1.265	3.200	2.872	5.868	2.744	3.228	3.413	3.313	2.897	10
11	2.298	4.745	3.580	1.115	3.774	2.884	5.700	2.867	3.320	3.414	3.383	3.036	11
12	2.145	4.687	3.543	1.958	3.857	3.009	5.594	2.114	3.275	3.101	3.106	3.068	12
13	2.083	4.638	3.515	2.457	3.788	2.817	5.159	2.060	3.260	2.994	3.171	3.155	13
14	2.190	4.685	3.455	1.989	3.714	2.670	5.044	1.703	3.227	3.122	3.034	3.181	14
15	2.077	4.603	3.430	1.724	3.770	2.708	5.609	1.534	3.367	2.882	3.105	3.158	15
16	1.881	4.480	3.403	2.043	3.729	2.504	5.921	2.044	3.501	2.675	2.805	3.144	16
17	1.917	4.310	3.408	2.328	3.716	2.420	5.631	1.805	3.447	2.941	2.802	3.129	17
18	2.428	4.230	3.371	2.184	3.857	2.785	5.438	1.838	3.437	2.705	2.888	3.040	18
19	2.400	4.237	3.301	2.387	3.893	2.506	4.873	2.341	3.304	2.682	2.807	3.050	19
20	2.275	4.322	3.126	2.424	3.628	2.957	3.790	2.515	3.440	2.604	2.920	3.123	20
21	2.130	4.388	3.077	2.461	3.809A	4.204	3.438	2.324	3.434	2.394	2.401	3.189	21
22	2.026	4.386	3.314	2.526	3.885E	4.137	3.598	2.822	3.400	2.469	2.486	3.345	22
23	1.808	4.328	3.211	2.889	3.880E	3.777	4.274	3.331	3.283	2.172	1.915	3.415	23
24	1.585	4.288	3.058	2.922	4.020E	3.480	4.449	3.131	3.321	2.275	1.881	3.390	24
25	1.584	4.309	2.988	2.845	4.030A	3.691	4.426	2.858	3.373	3.181	1.918	3.389	25
26	2.435	4.038	2.887	3.074	3.863	4.304	3.783	2.720	3.311	3.259	1.809	3.412	26
27	4.385	3.484	2.635	2.736	3.749	3.857	3.770	2.983	3.447	3.122	1.887	3.495	27
28	4.978	3.291	2.554	2.670	3.825	3.810	3.731	2.884	3.489	3.182	1.557	3.427	28
29	4.802		3.127	2.544	3.869	4.048	4.121	2.858	3.557	3.178	1.972	3.485	29
30	4.879		3.190	2.503	3.715	4.016	4.230	3.180	3.591	3.082	1.966	3.447	30
31	4.802		2.860		3.819		4.277	2.787		3.087		3.446	31
MEAN	2.773	4.460	3.328	2.200	3.461	3.154	4.752	2.877	3.288	3.050	2.889	3.030	MEAN
MAX	4.978	4.861	3.679	3.074	4.030	4.304	5.995	4.238	3.591	3.575	3.383	3.495	MAX
MIN	1.584	3.291	2.554	1.115	2.274	2.174	3.438	1.534	2.272	2.172	1.557	2.252	MIN

WATER LEVELS IN METRES

MEAN, 3.350
MAXIMUM DAILY, 5.995 ON JUL 9
MINIMUM DAILY, 1.115 ON APR 11
MAXIMUM INSTANTANEOUS,
6.049 AT 11:28 PST ON JUL 9

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 07 32 N
LONG 120 03 32 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED SINCE 1967

DRAINAGE AREA,
118 000 km²

PEACE RIVER ABOVE PINE RIVER - STATION NO 07FA004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1 430	4358	5008	3758	543	1 050	1 750	2 090	1 130	1 710	1 280	868	1
2	1 430	4398	5208	3258	535	923	1 490	2 070	1 510	1 880	1 330	941	2
3	1 360	4428	5028	3208	865	945	1 860	2 020	1 590	1 580	1 270	931	3
4	1 360	4808	5008	3208	1 010	721	2 220	1 890	1 530	1 630	1 310	924	4
5	1 350	5208	5008	3208	887	580	3 340	1 820	1 200	1 550	1 120	933	5
6	1 330	5018	5048	3228	747	527	3 510	1 570	1 510	1 470	1 410	985	6
7	1 280	5008	5088	311A	815	537	3 520	1 480	1 710	1 430	1 440	1 330A	7
8	1 050	5988	5038	426A	834	600	3 890	1 510	1 700	1 580	1 480	1 460E	8
9	985	6008	5028	418A	725	931	4 040	1 120	1 500	1 600	1 410	1 390E	9
10	1 000E	6008	5008	393A	898	889	3 950	1 040	1 390	1 620	1 570	1 390E	10
11	1 010E	6008	5048	384A	1 430	915	3 850	981	1 500	1 610	1 530	1 430E	11
12	945E	6008	5078	840	1 480	944	3 710	807	1 470	1 240	1 380	1 480E	12
13	863E	6008	5088	1 000A	1 440	999	2 890	812	1 410	1 340	1 370	1 500E	13
14	858E	6008	5038	563A	1 470	831	2 850	455	1 580A	1 270	1 360	1 510E	14
15	750E	5988	5028	824	1 520	771	3 020	482	1 620	1 110	1 250	1 500E	15
16	850E	5978	5008	788	1 530	862	3 040	721	1 660	1 070	1 280	1 500E	16
17	880E	5928	5008	787	1 520	823	2 990	841	1 590	1 180	1 090	1 500E	17
18	870E	5968	4908	783	1 580	858	2 830	898	1 570	1 030	1 090	1 500E	18
19	848E	5988	4508	827	1 580	802	2 080	807	1 530A	1 070	1 100	1 500E	19
20	862E	6088	4418	826	1 540	1 140	1 080	818	1 500E	957	888	1 500E	20
21	720E	6048	4558	742	1 470	1 480	1 110	880	1 710A	825	1 110	1 550E	21
22	780E	6028	5358	823	1 530	1 310	1 280	843A	1 510	888	739	1 510E	22
23	800E	6028	4728	838	1 490	1 260	2 180	1 450	1 490	717	818A	1 530E	23
24	850E	6048	4808	731	1 480	1 100	2 190	1 320	1 550	909	818A	1 510E	24
25	800E	6208	4908	747	1 620	1 230	2 140	1 210	1 550	1 500	690	1 500E	25
26	858E	6058	4408	881	1 370	1 350	1 370	1 300	1 520	1 400	867	1 500E	26
27	875E	4258	4228	869	1 380	1 280	1 450	1 230	1 600	1 370	800	1 530E	27
28	870E	4358	4808	777	1 320	1 390	1 520	1 310	1 55d	1 330	671	1 530E	28
29	845E		5808	847	1 330	1 740	1 900	1 400	1 580	1 250	718	1 570E	29
30	880E		4358	835	1 350	1 730	1 820	1 340	1 710	1 340	816	1 570E	30
31	838E		4908		1 270		2 020	900		1 270		1 600E	31
TOTAL	26 691	15 682	15 204	18 514	38 578	30 378	77 290	36 237	46 170	40 904	32 894	43 583	TOTAL
MEAN	887	560	490	617	1 240	1 010	2 490	1 170	1 540	1 310	1 100	1 410	MEAN
MAX	1 430	820	580	1 000	1 480	1 740	4 040	2 090	1 710	1 710	1 570	1 530	MAX
MIN	438	425	422	311	543	527	1 080	455	1 130	717	500	868	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1 186
MAXIMUM DAILY, 4 040 ON JUL 9
MINIMUM DAILY, 311A ON APR 7
MAXIMUM INSTANTANEOUS,
4 070 AT 09:01 PST ON JUL 9

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 12 13 N
LONG 120 48 48 W
DRAINAGE AREA, 83 900 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1967

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	2 320 000	JUL	6 680 000
FEB	1 350 000	AUG	3 130 000
MAR	1 310 000	SEP	3 880 000
APR	1 600 000	OCT	3 500 000
MAY	3 330 000	NOV	2 840 000
JUN	2 620 000	DEC	3 770 000

TOTAL DISCHARGE, 38 400 000 dam³

PEACE RIVER AT HUDSON HOPE - STATION NO. 07EF001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1 330	421	518	306	428	652	1 200	2 040	848	1 560	1 210	828	1
2	1 300	433	492	306	717	709	1 090	1 950	1 410	1 610	1 280	970	2
3	1 270	440	489	303	864	636	1 380	1 880	1 490	1 630	1 230	847	3
4	1 270	505	485	297	915	418	1 880	2 070	1 410	1 490	1 180	907	4
5	1 280	588	490	313	651	370	2 590	1 880	1 100	1 460	1 150	941	5
6	1 270	592	494	308	721	504	2 730	1 350	1 580	1 380	1 350	1 020	6
7	1 210	588	492	443	826	440	2 740	1 340	1 800	1 500	1 340	1 380	7
8	976	589	495	440	554	655	2 820	1 300	2 050	1 590	1 490	1 400	8
9	977	589	496	365	629	853	3 030	985	1 400	1 570	1 330	1 120	9
10	984	587	495	303	976	664	3 050	814	1 320	1 570	1 500	1 350	10
11	957	585	493	581	1 320	885	3 070	865	1 440	1 380	1 320	1 340	11
12	856	585	496	946	1 280	688	2 850	597	1 400	1 210	1 380	1 400	12
13	856	588	492	813	1 240	606	2 490	420	1 310	1 330	1 280	1 450	13
14	768	585	492	488	1 340	556	2 490	382	1 450	1 170	1 320	1 410	14
15	625	585	487	512	1 350	492	2 570	618	1 610	986	1 100	1 400	15
16	624	579	488	788	1 380	448	2 560	559	1 590	1 170	1 230	1 410	16
17	861	579	487	825	1 370	805	2 580	524	1 520	1 070	1 000	1 420	17
18	835	579	471	726	1 380	594	2 330	785	1 390	986	1 090	1 400	18
19	842	583	430	707	1 380	819	1 350	837	1 500	989	973	1 400	19
20	697	595	430	748	1 310	821	788	785	1 550	891	750	1 420	20
21	748	592	521	725	1 340	884	985	880	1 570	842	1 080	1 490	21
22	483	586	486	758	1 280	785	1 480	1 480	1 440	718	681	1 610	22
23	540	590	426	641	1 410	901	2 020	1 380	1 420	781	674	1 540	23
24	586	603	433	634	1 460	861	2 020	1 100	1 530	1 .40	672	1 580	24
25	514	490	447	775	1 320	834	1 650	871	1 480	1 430	636	1 530	25
26	460	414	328	689	1 140	804	1 240	1 230	1 550	1 230	590	1 540	26
27	455	418	317	625	1 200	913	1 280	1 120	1 440	1 320	514	1 440	27
28	429	476	489	629	1 220	1 140	1 600	1 110	1 580	1 270	718	1 550	28
29	447		440	570	1 130	1 380	2 180	1 310	1 570	1 170	702	1 540	29
30	428		367	800	1 090	1 540	2 090	1 220	1 640	1 270	893	1 430	30
31	423		374		993		1 810	774		1 200		1 370	31
TOTAL	25 302	15 367	14 418	17 082	33 986	22 456	63 861	34 376	44 368	38 841	31 682	41 414	TOTAL
MEAN	816	549	465	569	1 100	749	2 060	1 110	1 480	1 250	1 080	1 340	MEAN
MAX	1 330	603	521	946	1 460	1 540	3 070	2 070	2 050	1 630	1 500	1 610	MAX
MIN	423	414	317	297	428	370	796	362	848	718	814	829	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1 050
MAXIMUM DAILY, 3 070 ON JUL 11
MINIMUM DAILY, 297 ON APR 4
MAXIMUM INSTANTANEOUS,
3 150 AT 16:07 PST ON JUL 8

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 01 39 N
LONG 121 53 56 W
DRAINAGE AREA, 70 200 km²

REGULATED SINCE 1967

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	2 190 000	JUL	5 520 000
FEB	1 330 000	AUG	2 970 000
MAR	1 250 000	SEP	3 830 000
APR	1 480 000	OCT	3 380 000
MAY	2 930 000	NOV	2 740 000
JUN	1 940 000	DEC	3 580 000

TOTAL DISCHARGE, 33 100 000 dam³

PEACE RIVER NEAR TAYLOR - STATION NO. 07FD002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1 480	4588	5108	586	982	1 950	2 380	2 400	1 070	1 900	1 540	1 080	1
2	1 480	4558	5408	546	970	1 710	2 110	2 400	1 340	1 880	1 580	1 050	2
3	1 410	4608	5288	543	1 190	1 610	2 480	2 330	1 770	1 780	1 510	1 110	3
4	1 410	4808	5208	540	1 340	1 310	2 810	2 220	1 590	1 820	1 580	1 080	4
5	1 410	5508	5208	549	1 270	1 100	3 910	2 110	1 490	1 750	1 400	1 080	5
6	1 440	6258	5258	578	1 120	1 010	4 020	1 870	1 480	1 680	1 510	1 110	6
7	1 390	6308	5288	589	1 190	1 140	4 010	1 740	1 740	1 620	1 650	1 380	7
8	1 180	6288	5288	708	1 080	1 130	4 710	1 750	1 700	1 730	1 670	1 800	8
9	1 050	6308	5208	700	1 230	1 380	4 770	1 380	1 730	1 780	1 820	1 400	9
10	1 010	6338	5228	624	1 380	1 400	4 570	1 280	1 580	1 770	1 740	1 420	10
11	990	6308	5258	587	1 850	1 400	4 350	1 230	1 710	1 780	1 720	1 480	11
12	910	6278	5258	1 080	1 860	1 500	4 210	923	1 820	1 480	1 550	1 530	12
13	9158	6328	5258	1 180	1 860	1 580A	3 570	944	1 840	1 500	1 580	1 580	13
14	8308	6308	5258	820	1 870	1 390E	3 510	812	1 830	1 480	1 520	1 600	14
15	7208	6308	5258	816	1 920	1 200E	4 340	776	1 740	1 320	1 490	1 580	15
16	6808	6288	5208	949	1 910	1 050E	4 440	874	1 830	1 280	1 410	1 570	16
17	9308	6248	5258	976	1 920	1 310E	4 130	895	1 770	1 380	1 330	1 580	17
18	9008	6228	5208	984	2 030	1 290E	3 830	927	1 780	1 240	1 270	1 580	18
19	9188	6308	4908	1 050	2 060	1 550E	3 010	1 110	1 700	1 240	1 310	1 570	19
20	7808	6388	4888	1 100	2 030	1 830A	1 760	1 140	1 770	1 170	1 120	1 580	20
21	8208	6408	4788	1 050	2 080	2 310A	1 700	1 070	1 800	1 080	1 250	1 580	21
22	8508	6418	5238	1 110	2 280	1 850A	1 840	1 530	1 710	1 150	1 030	1 700	22
23	8858	6428	6228	1 150	2 180	1 800	2 730	1 670	1 880	1 000	885	1 730	23
24	8208	6458	5358	1 050	2 320	1 800	2 740	1 470	1 700	1 130	897	1 810	24
25	8308	6428	5708	1 080	2 300	1 910	2 880	1 340	1 720	1 880	928	1 830	25
26	8008	5708	5358	1 250	2 100	2 380	1 880	1 340	1 680	1 590	858	1 850	26
27	4858	4808	5008	1 030	2 050	2 080	1 980	1 350	1 810	1 560	808	1 880	27
28	4728	4508	467	1 080	1 910	2 010	1 950	1 380	1 880	1 590	801	1 590	28
29	4808		698	1 010	1 980	2 290	2 330	1 400	1 880	1 500	948	1 570	29
30	4628		536	1 020	2 100	2 230	2 330	1 570	1 940	1 530	974	1 640	30
31	4608		518		2 140		2 400	1 200		1 480		1 680	31
TOTAL	27 857	16 530	16 373	26 344	54 472	48 330	97 580	44 552	50 400	46 780	39 537	45 950	TOTAL
MEAN	898	590	528	878	1 760	1 610	3 150	1 440	1 680	1 510	1 320	1 480	MEAN
MAX	1 480	845	888	1 250	2 320	2 380	4 770	2 400	1 940	1 900	1 740	1 730	MAX
MIN	480	480	467	540	970	1 010	1 700	776	1 070	1 000	801	1 050	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1 410
MAXIMUM DAILY, 4 770 ON JUL 8
MINIMUM DAILY, 4508 ON FEB 28
MAXIMUM INSTANTANEOUS,
4 850 AT 12:47 PST ON JUL 8

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 08 09 N
LONG 120 40 13 W
DRAINAGE AREA, 97 400 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1967

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	2 410 000	JUL	8 430 000
FEB	1 430 000	AUG	5 850 000
MAR	1 410 000	SEP	4 350 000
APR	2 280 000	OCT	4 040 000
MAY	4 710 000	NOV	3 420 000
JUN	4 180 000	DEC	3 970 000

TOTAL DISCHARGE, 44 500 000 dam³

PEACHLAND LAKE NEAR PEACHLAND - STATION NO. 08NM220

DAILY WATER LEVEL IN METRES FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1260.822	1260.500	---	1260.231	---	---	1264.829	---	---	---	---	1261.859	1
2	---	---	---	---	---	---	---	---	1263.518	---	---	---	2
3	---	---	---	---	---	1264.615	---	---	---	---	1262.207	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	1260.787	---	---	1264.280	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	1262.758	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	1260.180	---	---	1264.829	---	1263.386	---	---	1261.537	8
9	---	---	---	---	---	1264.554	---	---	---	---	1262.055	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	1264.097	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	1262.604	---	---	12
13	---	---	---	---	1261.567	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	1264.707	---	---	---	---	1261.445	14
15	---	---	---	1260.043	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	1263.183	---	---	---	16
17	---	---	---	---	---	1264.788	---	---	---	---	1261.902	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	1263.914	---	---	---	---	19
20	---	---	---	---	1262.634	---	---	---	---	1262.482	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	1260.226	---	---	1264.585	---	---	---	---	1261.354	22
23	---	---	---	---	---	---	---	---	1263.061	---	---	---	23
24	---	---	---	---	---	1264.459	---	---	---	---	1261.750	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	---	---	---	---	---	1263.731	---	---	---	---	26
27	---	---	---	---	1263.792	---	---	---	---	1262.329	---	---	27
28	---	1260.348	---	---	---	---	1264.463	---	---	---	---	1261.282	28
29	---	---	---	1260.424	---	---	---	---	1262.908	---	---	---	29
30	---	---	---	---	---	1264.829	---	---	---	---	---	---	30
31	---	---	---	---	---	---	---	---	---	---	---	---	31
			1260.226										
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 50 01 N
LONG 119 57 55 W
DATA CONTRIBUTED BY -
BRITISH COLUMBIA MINISTRY OF ENVIRONMENT

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

PEARSON CREEK NEAR THE MOUTH - STATION NO. 08NM172

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.195	0.182	0.248	0.408	2.08	9.10	1.87	0.635	0.428	0.304	0.545	0.2228	1
2	0.186	0.158	0.242	0.414	2.20	7.17	2.80	0.581	1.45	0.318	0.704	0.1848	2
3	0.188	0.1468	0.273	0.414	2.33	5.61	2.36	0.522	0.828	0.331	0.703	0.1818	3
4	0.189	0.1338	0.284	0.413	2.13	4.65	1.79	0.475	0.685	0.327	0.798	0.1528	4
5	0.178	0.1248	0.274	0.423	2.18	3.85	1.57	0.432	0.929	0.302	0.562	0.1548	5
6	0.174	0.1208	0.284	0.461	2.46	3.79	1.52	0.408	0.648	0.285	0.542	0.1508	6
7	0.178	0.1288	0.288	0.558	2.89	4.14	1.43	0.386	0.582	0.276	0.477	0.1478	7
8	0.211	0.1328	0.279	0.529	2.71	4.08	1.67	0.379	0.605	0.280	0.470	0.1468	8
9	0.185	0.1278	0.456	0.506	2.38	3.84	1.71	0.396	0.509	0.272	0.440	0.1518	9
10	0.210	0.141	0.743	0.490	2.19	3.58	1.32	0.504	0.547	0.251	0.436	0.1558	10
11	0.232	0.155	0.718	0.486	2.06	2.84	1.31	1.20	0.847	0.242	0.513	0.1628	11
12	0.204	0.228	0.597	0.448	2.00	2.20	2.06	1.09	0.884	0.252	0.481	0.1768	12
13	0.198	0.214	0.532	0.439	2.01	1.95	3.13	0.852	0.575	0.249	0.451	0.1848	13
14	0.178	0.181	0.491	0.440	2.05	1.92	2.23	0.529	0.502	0.248	0.438	0.1858	14
15	0.175	0.168	0.469	0.469	2.22	5.33	2.23	0.448	0.481	0.240	0.424	0.1828	15
16	0.178	0.171	0.439	0.525	2.49	3.41	2.03	0.405	0.451	0.235	0.473	0.1898	16
17	0.177	0.177	0.439	0.506	2.62	3.62	1.82	0.388	0.488	0.272	0.468	0.1548	17
18	0.176	0.183	0.421	0.755	2.38	4.25	1.81	0.382	0.495	0.273	0.456	0.1458	18
19	0.166	0.174	0.394	0.908	2.24	2.80	1.49	0.337	0.450	0.277	0.438	0.1378	19
20	0.160	0.169	0.389	1.11	2.88	2.91	1.39	0.321	0.428	0.283	0.418	0.1288	20
21	0.164	0.184	0.386	1.49	3.68	2.94	1.22	0.305	0.431	0.307	0.407	0.1168	21
22	0.168	0.184	0.387	1.54	3.99	3.57	1.08	0.292	0.413	0.501	0.393	0.1078	22
23	0.181	0.187	0.393	1.77	4.81	2.35	0.967	0.275	0.393	0.402	0.385	0.0978	23
24	0.187	0.269	0.396	2.80	5.42	3.14	0.903	0.303	0.382	0.298	0.374A	0.0988	24
25	0.169	0.291	0.391	3.38	5.74	2.81	1.02	0.478	0.380	0.356	0.374	0.1108	25
26	0.158	0.284	0.392	2.88	5.89	2.28	1.04	0.574	0.345	0.394	0.359	0.1278	26
27	0.201	0.273	0.389	2.44	6.82	1.87	0.882	0.427	0.360	0.373	0.356	0.1238	27
28	0.198	0.280	0.386	2.08	7.80	1.85	1.08	0.410	0.328	0.315	0.344	0.1218	28
29	0.175		0.387	1.94	8.23	1.89	0.916	0.375	0.315	0.301	0.320	0.1258	29
30	0.170		0.405	2.04	7.81	1.89	0.787	0.375	0.313	0.331	0.281A	0.1288	30
31	0.165		0.415		9.04		0.688	0.327		0.879		0.1528	31
TOTAL	5.624	5.095	12.526	33.152	115.29	104.71	47.683	14.566	16.087	9.773	13.830	4.526	TOTAL
MEAN	0.181	0.182	0.404	1.11	3.72	3.49	1.54	0.471	0.536	0.315	0.461	0.146	MEAN
MAX	0.232	0.291	0.743	3.38	9.04	9.10	3.13	1.20	1.45	0.879	0.798	0.322	MAX
MIN	0.157	0.120	0.242	0.408	2.00	1.85	0.688	0.275	0.313	0.238	0.281	0.097	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.05
MAXIMUM DAILY, 9.10 ON JUN 1
MINIMUM DAILY, 0.0978 ON DEC 23
MAXIMUM INSTANTANEOUS,
15.2 AT 21:43 PST ON MAY 29

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 53 13 N
LONG 119 03 43 W
DRAINAGE AREA, 73.8 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	485	JUL	4 120
FEB	440	AUG	1 280
MAR	1 080	SEP	1 380
APR	2 880	OCT	844
MAY	9 950	NOV	1 190
JUN	9 050	DEC	391

TOTAL DISCHARGE, 33 100 dam³

PEND D'OREILLE RIVER BELOW INTERNATIONAL BOUNDARY - STATION NO. 08NE119

DAILY WATER LEVEL IN METRES FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.236	4.362	5.208	---	---	8.165	---	---	---	6.211	---	---	1
2	---	---	---	5.536	---	---	---	---	---	---	5.665	---	2
3	---	---	---	---	---	---	---	---	4.941	---	---	5.332	3
4	---	5.998	5.219	---	6.886	7.490	---	5.935	---	5.244	---	---	4
5	5.280	---	---	---	---	---	6.951	---	---	---	---	---	5
6	---	---	---	5.808	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	4.454	---	5.808	---	---	---	---	5.076	5.136	---	---	5.241	8
9	---	5.689	---	5.068	---	---	7.338	---	---	4.870	---	---	9
10	---	---	---	---	---	---	---	---	---	---	5.272	---	10
11	---	---	5.858	---	---	7.857	---	---	---	---	---	5.250	11
12	4.488	---	---	---	6.732	---	---	---	5.124	---	---	---	12
13	---	---	---	---	---	---	6.849	4.097	---	5.717	5.522	---	13
14	4.986	---	---	5.338	---	---	---	---	---	---	---	---	14
15	---	---	5.656	---	---	7.702	---	5.058	5.521	---	---	---	15
16	---	---	---	---	7.542	---	6.710	---	---	5.348	---	---	16
17	---	---	---	5.514	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	5.108	---	18
19	4.782	---	5.575	---	---	6.185	---	5.998	6.283	---	---	5.727	19
20	---	---	---	---	6.888	---	---	---	---	---	---	---	20
21	---	---	---	5.122	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	5.690	---	---	5.494	5.438	---	22
23	5.032	---	5.918	---	6.512	6.746	---	4.913	4.572	---	---	5.132	23
24	---	5.939	---	5.643	---	---	5.164	---	4.262	5.748	6.425	---	24
25	---	---	---	---	---	---	---	---	---	---	---	5.289	25
26	5.018	5.994	5.804	---	---	---	---	3.678	3.845	---	---	---	26
27	---	---	---	6.717	---	5.436	6.018	---	---	6.637	5.248	---	27
28	---	---	---	---	---	---	---	---	---	---	---	---	28
29	4.870		---	---	6.161	5.628	---	4.099	3.189	---	---	---	29
30	---		---	---	---	5.898	---	---	---	4.512	---	5.863	30
31	---		5.194	5.687	---	---	---	---	---	---	5.188	---	31
					---	---	6.584	3.614		---		6.418	
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 00 53 N
LONG 117 22 04 W

REGULATED SINCE 1938

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

PEND OREILLE RIVER AT INTERNATIONAL BOUNDARY - STATION NO. 08NE010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	382	556	913	550	1 020	2 130	1 280	574	388	540	588	600	1
2	422	481	852	588	1 010	2 020	1 480	572	303	514	733	528	2
3	484	585	844	531	1 070	1 850	1 470	487	300	546	776	453	3
4	507	745	912	594	1 140	1 680	1 500	507	303	543	784	442	4
5	552	846	937	654	1 140	1 570	1 370	484	328	548	588	510	5
6	631	578	828	787	1 150	1 440	1 300	473	382	585	436	498	6
7	758	588	1 010	758	1 180	1 430	1 340	487	413	588	374	521	7
8	430	800	851	714	1 180	1 470	1 370	521	371	631	345	556	8
9	2548	882	954	725	1 150	1 530	1 600	447	484	612	340	585	9
10	3218	733	1 010	677	1 050	1 590	1 430	527	428	719	331	479	10
11	2078	821	1 040	782	1 030	1 880	1 180	379	490	719	362	507	11
12	2448	818	977	818	1 000	1 700	937	473	535	785	473	559	12
13	1728	835	1 010	778	1 020	1 740	884	374	512	789	504	784	13
14	1728	847	1 010	725	1 100	1 880	850	384	514	833	588	731	14
15	1218	801	1 080	820	1 170	1 590	1 210	470	548	773	736	541	15
16	1238	718	1 110	589	1 150	1 410	1 280	481	671	702	674	487	16
17	1508	773	1 100	585	1 180	1 220	1 370	515	591	782	631	436	17
18	1538	677	1 130	708	1 180	1 080	1 430	458	663	779	643	388	18
19	1578	705	1 120	725	1 180	1 080	1 570	402	680	841	756	433	19
20	1888	765	1 110	716	1 170	1 140	1 240	278	588	889	810	384	20
21	4508	784	1 100	880	1 040	1 280	880	311	854	818	799	379	21
22	547	787	1 030	705	1 020	1 270	904	388	834	731	841	379	22
23	585	758	843	787	1 030	1 210	789	289	669	677	957	384	23
24	572	770	872	881	1 130	1 130	738	287	470	618	954	303	24
25	886	773	835	960	1 440	1 180	807	351	487	804	948	205	25
26	728	778	844	1 210	1 630	1 040	991	385	852	790	929	202	26
27	742	852	783	1 280	1 780	908	898	368	844	592	840	281	27
28	814	818	728	1 330	2 000	833	818	418	888	600	923	286	28
29	820		787	1 080	2 080	818	770	430	872	804	918	288	29
30	831		719	988	2 120	1 080	714	360	829	411	847	425	30
31	886		888		2 220		888	348		823		510	31
TOTAL	13 017	20 233	28 247	23 655	38 890	41 867	35 116	13 321	15 589	21 736	20 701	14 102	TOTAL
MEAN	420	723	843	785	1 280	1 400	1 130	430	520	701	690	455	MEAN
MAX	758	852	1 130	1 330	2 220	2 120	1 600	874	881	888	957	784	MAX
MIN	121	481	888	589	1 000	833	888	278	300	411	331	202	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 780
MAXIMUM DAILY, 2 220 ON MAY 31
MINIMUM DAILY, 1218 ON JAN 15
MAXIMUM INSTANTANEOUS,
2 440 AT 07:40 PST ON MAY 31

SUMMARY FOR THE YEAR 1983

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 59 56 N
LONG 117 21 09 W
DRAINAGE AREA, 85 300 km²

E - ESTIMATED
REGULATED SINCE 1938

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 120 000	JUL	3 030 000
FEB	1 750 000	AUG	1 150 000
MAR	2 530 000	SEP	1 350 000
APR	2 080 000	OCT	1 880 000
MAY	3 430 000	NOV	1 790 000
JUN	3 620 000	DEC	1 220 000

TOTAL DISCHARGE, 24 800 000 dam³

PENNASK CREEK NEAR QUILCHENA - STATION NO. 08LG016

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.1358	0.1038	0.0848	0.1188	1.99	8.43	1.05	0.376	0.279	0.329	0.310	0.2308	1
2	0.1308	0.1038	0.0868	0.1198	2.07	7.23	1.60	0.359	0.791	0.330	0.391	0.2008	2
3	0.1288	0.0968	0.0898	0.1218	2.08	5.60	1.38	0.325	0.712	0.336	0.590	0.2108	3
4	0.1248	0.0868	0.0868	0.1308	2.04	4.50	1.12	0.302	0.532	0.357	0.808	0.2158	4
5	0.1328	0.0838	0.0858	0.1478	2.28	3.82	0.987	0.280	0.829	0.374	0.627	0.2008	5
6	0.1248	0.0868	0.0908	0.1538	2.52	3.35	0.881	0.263	0.919	0.358	0.524	0.1928	6
7	0.1258	0.0878	0.0908	0.1568	2.34	3.11	0.837	0.245	0.642	0.345	0.446	0.1868	7
8	0.1308	0.0868	0.0968	0.1508	2.20	2.88	0.857	0.246	0.494	0.328	0.563	0.1858	8
9	0.1248	0.0898	0.1008	0.1488	1.95	2.66	1.12	0.278	0.411	0.325	0.765	0.1948	9
10	0.1318	0.0918	0.0958	0.1518	1.88	2.58	0.898	0.415	0.411	0.312	0.703	0.2008	10
11	0.1348	0.0958	0.0908	0.1538	1.98	2.43	0.793	0.880	0.811	0.295	0.448	0.1958	11
12	0.1228	0.0998	0.0888	0.1608	2.14	2.57	0.981	0.831	0.761	0.290	0.428	0.1858	12
13	0.1158	0.0998	0.0888	0.1688	2.51	2.26	0.985	0.483	0.612	0.292	0.377	0.1808	13
14	0.1068	0.0948	0.0958	0.1768	2.82	1.91	1.00	0.377	0.515	0.290	0.380	0.2008	14
15	0.1048	0.0888	0.1008	0.193	2.78	2.81	0.938	0.315	0.446	0.298	0.381	0.2008	15
16	0.0998	0.0928	0.0948	0.234	3.39	2.37	0.985	0.274	0.408	0.289	0.450	0.1808	16
17	0.0888	0.0948	0.0958	0.402	3.84	2.32	0.898	0.243	0.587	0.282	0.482	0.1758	17
18	0.1008	0.0888	0.0988	0.841	3.55	2.26	0.780	0.222	0.632	0.306	0.449	0.1658	18
19	0.1068	0.0928	0.1028	0.633	3.62	1.76	0.700	0.204	0.574	0.328	0.4308	0.1578	19
20	0.1118	0.0908	0.1088	0.580	4.70	1.58	0.718	0.185	0.540	0.340	0.4058	0.1538	20
21	0.1108	0.0858	0.1068	0.591	7.30	1.84	0.688	0.172	0.621	0.352	0.3908	0.1468	21
22	0.1098	0.0878	0.1058	0.697	8.09	1.66	0.623	0.165	0.669	0.429	0.4108	0.1418	22
23	0.1098	0.0908	0.1108	0.961	8.78	1.53	0.573	0.154	0.591	0.481	0.3608	0.1378	23
24	0.1088	0.0878	0.1138	2.17	9.62	1.79	0.570	0.151	0.517	0.380	0.3768	0.1348	24
25	0.1058	0.0888	0.1158	2.48	10.5	1.48	0.727	0.153	0.442	0.348	0.3908	0.1348	25
26	0.1058	0.0908	0.1178	2.36	9.76	1.24	0.679	0.153	0.393	0.351	0.3508	0.1508	26
27	0.1108	0.0878	0.1208	2.35	10.1	1.17	0.589	0.160	0.375	0.347	0.3208	0.1608	27
28	0.1078	0.0848	0.1178	2.09	10.9	1.07	0.551	0.177	0.358	0.333	0.3108	0.1578	28
29	0.1008		0.1198	1.86	12.0	1.09	0.509	0.315	0.347	0.310	0.2908	0.1508	29
30	0.0978		0.1238	1.74	12.3	1.22	0.438	0.331	0.331	0.305	0.2808	0.1538	30
31	0.1008		0.1218		10.4		0.385	0.271		0.309		0.1808	31
TOTAL	3.542	2.541	3.129	22.242	182.34	80.48	25.822	8.986	16.531	10.351	13.404	5.474	TOTAL
MEAN	0.114	0.091	0.101	0.741	5.24	2.68	0.833	0.290	0.551	0.334	0.447	0.177	MEAN
MAX	0.135	0.103	0.123	2.48	12.3	8.43	1.60	0.880	0.919	0.481	0.808	0.330	MAX
MIN	0.097	0.083	0.084	0.118	1.88	1.07	0.385	0.151	0.279	0.282	0.280	0.134	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.872
MAXIMUM DAILY, 12.3 ON MAY 30
MINIMUM DAILY, 0.0838 ON FEB 5
MAXIMUM INSTANTANEOUS,
15.3 AT 03:31 PST ON MAY 30

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 58 27 N
LONG 120 08 05 W
DRAINAGE AREA, 87.0 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	306	JUL	2 235
FEB	220	AUG	776
MAR	270	SEP	1 430
APR	1 920	OCT	894
MAY	14 000	NOV	1 160
JUN	6 960	DEC	473

TOTAL DISCHARGE, 30 600 dam³

PENTICTON CREEK ABOVE DENNIS CREEK - STATION NO. 08NM158

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.230	0.250	0.236	0.233	0.323	1.37	1.12	0.498	0.721	0.372	0.248	0.245	1
2	0.230	0.245	0.237	0.233	0.321	1.71	1.23	0.487	0.730	0.374	0.251	0.245	2
3	0.227	0.242	0.241	0.231	0.302	1.88	1.20	0.430	0.715	0.375	0.250	0.245	3
4	0.230	0.243	0.240	0.228	0.311	1.87	1.12	0.391	0.724	0.381	0.252	0.245	4
5	0.230	0.241	0.239	0.230	0.359	2.01	1.05	0.387	0.723	0.375	0.250	0.245	5
6	0.230	0.240	0.234	0.238	0.346	2.03	1.01	0.345	0.715	0.378	0.248	0.245	6
7	0.230	0.241	0.238	0.238	0.324	2.08	0.938	0.327	0.714	0.369	0.247	0.245	7
8	0.227	0.241	0.235	0.234	0.305	2.05	0.936	0.310	0.713	0.370	0.248	0.245	8
9	0.227	0.242	0.241	0.234	0.276	2.04	0.827	0.747	0.708	0.377	0.247	0.245	9
10	0.227	0.245	0.248	0.229	0.285	2.04	0.874	0.751	0.720	0.384	0.250	0.245	10
11	0.226	0.238	0.245	0.231	0.318	2.02	0.838	0.757	0.724	0.384	0.248	0.245	11
12	0.222	0.238	0.240	0.233	0.318	1.88	0.824	0.741	0.719	0.388	0.247	0.245	12
13	0.222	0.237	0.241	0.233	0.348	1.88	0.814	0.740	0.707	0.373	0.247	0.242	13
14	0.242	0.240	0.236	0.235	0.334	1.88	0.798	0.732	0.704	0.370	0.243	0.242	14
15	0.245	0.238	0.240	0.230	0.348	2.01	0.857	0.735	0.705	0.388	0.245	0.242	15
16	0.243	0.237	0.238	0.231	0.421	1.94	0.892	0.729	0.835	0.387	0.237	0.242	16
17	0.245	0.238	0.239	0.236	0.370	1.92	0.837	0.736	0.702	0.388	0.236	0.242	17
18	0.246	0.233	0.236	0.241	0.358	1.88	0.786	0.733	0.704	0.370	0.234	0.242	18
19	0.246	0.237	0.230	0.244	0.358	1.82	0.748	0.736	0.697	0.382	0.235	0.242	19
20	0.247	0.237	0.231	0.256	0.486	1.78	0.711	0.736	0.698	0.381	0.236	0.242	20
21	0.241	0.237	0.233	0.277	0.505	1.74	0.688	0.718	0.709	0.381	0.238	0.242A	21
22	0.242	0.240	0.228	0.273	0.427	1.69	0.815	0.713	0.711	0.388	0.237	0.242A	22
23	0.242	0.240	0.236	0.282	0.402	1.67	0.681	0.715	0.707	0.382	0.235	0.242	23
24	0.244	0.242	0.235	0.349	0.387	1.62	0.557	0.722	0.708	0.299	0.238	0.242	24
25	0.246	0.240	0.235	0.348	0.368	1.53	0.807	0.720	0.708	0.248	0.242A	0.245	25
26	0.249	0.238	0.233	0.283	0.349	1.47	0.820	0.713	0.708	0.251	0.242	0.245	26
27	0.244	0.237	0.236	0.271	0.335	1.38	0.806	0.724	0.708	0.244	0.242	0.245	27
28	0.245	0.234	0.234	0.271	0.349	1.30	0.822	0.720	0.711	0.248	0.242	0.245	28
29	0.243		0.230	0.287	0.358	1.24	0.803	0.725	0.715	0.250	0.242	0.245	29
30	0.245		0.230	0.321	0.356	1.17	0.870	0.712	0.512	0.248	0.242	0.245	30
31	0.243		0.232		0.720		0.837	0.708		0.251		0.245	31
TOTAL	7.380	6.710	7.328	7.669	11.348	53.23	25.094	20.197	21.133	10.526	7.296	7.589	TOTAL
MEAN	0.237	0.240	0.236	0.256	0.366	1.77	0.809	0.652	0.704	0.340	0.243	0.244	MEAN
MAX	0.249	0.250	0.249	0.349	0.720	2.08	1.23	0.757	0.730	0.381	0.252	0.245	MAX
MIN	0.222	0.233	0.228	0.228	0.276	1.17	0.537	0.327	0.512	0.244	0.234	0.242	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.505
MAXIMUM DAILY, 2.09 ON JUN 7
MINIMUM DAILY, 0.222 ON JAN 13
MAXIMUM INSTANTANEOUS,
2.11 AT 06:11 PST ON JUN 7

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 38 55 N
LONG 119 25 23 W
DRAINAGE AREA, 35.5 km²
A - MANUAL GAUGE

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	938	JUL	2 170
FEB	660	AUG	1 750
MAR	833	SEP	1 630
APR	883	OCT	908
MAY	980	NOV	630
JUN	4 800	DEC	853

TOTAL DISCHARGE, 16 000 dam³

PETERSON CREEK ABOVE JACKO CREEK - STATION NO. 08LE102

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.011	0.107	0.078	0.010	0.001	0	---	---	---	1
2	---	---	---	0.011	0.145	0.075	0.018	0.001	0	---	---	---	2
3	---	---	---	0.011	0.174	0.080	0.017	0.001	0	---	---	---	3
4	---	---	---	0.012	0.170	0.083	0.018	0	0	---	---	---	4
5	---	---	---	0.013	0.180	0.089	0.017	0	0	---	---	---	5
6	---	---	---	0.018	0.189	0.078	0.013	0	0	---	---	---	6
7	---	---	---	0.019	0.172	0.071	0.011	0	0	---	---	---	7
8	---	---	---	0.018	0.172	0.064	0.011	0	0	---	---	---	8
9	---	---	---	0.013	0.176	0.054	0.023	0	0	---	---	---	9
10	---	---	---	0.014	0.161	0.041	0.017	0	0	---	---	---	10
11	---	---	---	0.014	0.147	0.038	0.014	0	0	---	---	---	11
12	---	---	---	0.014	0.133	0.037	0.011	0	0	---	---	---	12
13	---	---	---	0.011	0.116	0.035	0.008	0	0	---	---	---	13
14	---	---	---	0.012	0.112	0.030	0.007	0	0	---	---	---	14
15	---	---	---	0.013	0.122	0.035	0.013	0	0	---	---	---	15
16	---	---	---	0.018	0.137	0.039	0.013	0	0	---	---	---	16
17	---	---	---	0.022	0.149	0.040	0.009	0	0	---	---	---	17
18	---	---	---	0.025	0.183	0.033	0.006	0	0	---	---	---	18
19	---	---	---	0.027	0.161	0.028	0.004	0	0	---	---	---	19
20	---	---	---	0.034	0.162E	0.039	0.003	0	0	---	---	---	20
21	---	---	---	0.040	0.170E	0.044	0.003	0	0	---	---	---	21
22	---	---	---	0.043	0.231E	0.030	0.002	0	0	---	---	---	22
23	---	---	---	0.053	0.217E	0.023	0.002	0	0	---	---	---	23
24	---	---	0.010A	0.078	0.183E	0.022	0.002	0	0	---	---	---	24
25	---	---	0.009	0.127	0.178E	0.020	0.002	0	0	---	---	---	25
26	---	---	0.009	0.164	0.173A	0.019	0.002	0	0	---	---	---	26
27	---	---	0.011	0.148	0.143	0.017	0.002	0	0	---	---	---	27
28	---	---	0.010	0.130	0.111	0.013	0.001	0	0	---	---	---	28
29	---		0.011	0.105	0.101	0.012	0.001	0	0	---	---	---	29
30	---		0.011	0.113	0.093	0.013	0.001	0	0	---	---	---	30
31	---		0.012		0.085		0.001	0		---		---	31
TOTAL	---	---	---	1.327	4.733	1.280	0.283	0.003	0	---	---	---	TOTAL
MEAN	---	---	---	0.044	0.153	0.043	0.009	0	0	---	---	---	MEAN
MAX	---	---	---	0.184	0.231	0.089	0.023	0.001	0	---	---	---	MAX
MIN	---	---	---	0.011	0.085	0.012	0.001	0	0	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 0.231E ON MAY 22
MINIMUM DAILY, 0 ON AUG 4
MAXIMUM INSTANTANEOUS,
0.262E AT 20:35 PST ON MAY 22

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 35 18 N
LONG 120 28 45 W
DRAINAGE AREA, 21.4 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	22.7
FEB	---	AUG	0.26
MAR	---	SEP	0
APR	115	OCT	---
MAY	409	NOV	---
JUN	111	DEC	---

PINE RIVER AT EAST PINE - STATION NO. 07FB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	36.4B	23.0B	23.3B	29.3B	307	781	477	220	91.0	150	184	54.8B	1
2	36.2B	21.1B	24.0B	30.0B	280	854	476	204	89.8	138	176	54.2B	2
3	36.0B	21.4B	24.0B	30.5B	274	508	508	197	88.0	129	184	56.0B	3
4	35.1B	22.0B	24.2B	31.2B	280	412	484	192	92.0	125	176	59.0B	4
5	33.8B	22.0B	24.9B	32.0B	316	384	427	177	111	134	178	59.5B	5
6	33.4B	22.5B	25.0B	32.4B	319	330	372	182	118	131	186	53.2B	6
7	34.3B	23.1B	25.5B	30.4B	320	404	493	150	112	126	155	49.8B	7
8	34.1B	23.0B	25.4B	25.9B	386	368	674	142	145	118	144	48.0B	8
9	32.1B	23.0B	25.8B	24.4B	445	376	531	135	147	113	134	45.0B	9
10	28.0B	23.9B	26.1B	25.5B	411	367	431	129	134	109	122	48.0B	10
11	26.9B	24.8B	30.1B	29.2B	371	400	376	124	123	108	115	48.5B	11
12	27.3B	25.1B	30.3B	31.5B	357	398	401	123	114	107	106	49.7B	12
13	26.8B	27.2B	29.9B	33.5B	389	383	418	120	108	101	112	49.8B	13
14	29.3B	28.1B	28.1B	35.3B	367	329	852	114	106	103	114	48.0B	14
15	28.5B	27.6B	27.2B	39.0B	338	308	1 440	107	114	108	107	45.5B	15
16	26.4B	25.8B	27.0B	47.0B	331	294	1 210	106	121	108	104	42.7B	16
17	25.3B	24.1B	27.0B	58.0B	389	280	852	101	128	105	104	41.8B	17
18	25.9B	24.3B	26.8B	75.0B	467	259	600	108	129	101	109	41.0B	18
19	26.9B	24.8B	26.0B	98.0B	447	263	643	125	122	100	107	42.0B	19
20	25.9B	25.0B	25.0B	130 B	472	509	537	118	114	105	104	43.8B	20
21	24.2B	26.9B	23.4B	176 B	598	589	531	110	108	116	100	44.2B	21
22	22.2B	26.3B	23.2B	215 A	703	469	491	104	108	117	91.2	43.0B	22
23	21.5B	26.1B	23.9B	228 A	645	402	428	98.4	107	135	76.0B	41.3B	23
24	21.0B	27.0B	25.2B	258 E	628	380	380	95.3	105	147	68.0B	40.3B	24
25	20.9B	26.5B	26.7B	301 A	632	785	368	93.3	105	136	68.2B	40.8B	25
26	21.1B	25.0B	27.0B	280	883	818	414	91.4	109	131	71.5B	42.7B	26
27	21.8B	23.5B	26.9B	262	598	806	408	89.7	228	169	72.0B	42.0B	27
28	22.2B	23.1B	26.6B	254 A	539	677	348	88.9	241	180	68.7B	40.8B	28
29	22.5B		27.1B	282 E	518	600	303	90.6	193	180	62.5B	40.8B	29
30	23.1B		27.9B	332 A	782	390	271	93.4	166	145	58.5B	40.3B	30
31	24.2B		26.7B		828		243	93.7		132		40.0B	31
TOTAL	856.3	686.2	814.3	3 484.2	14 802	13 274	15 490	3 898.7	3 771.6	3 895	3 413.6	1 432.2	TOTAL
MEAN	27.6	24.5	26.3	116	471	442	532	126	126	126	114	46.2	MEAN
MAX	36.4	28.1	30.3	332	828	818	1 440	220	241	180	184	59.5	MAX
MIN	20.9	21.1	23.2	26.4	274	259	243	88.9	88.0	100	88.5	40.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 182
MAXIMUM DAILY, 1 440 ON JUL 15
MINIMUM DAILY, 20.9B ON JAN 25
MAXIMUM INSTANTANEOUS,
1 480 AT 11:10 PST ON JUL 15

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 43 12 N
LONG 121 12 26 W
DRAINAGE AREA, 12 100 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	74 000	JUL	1 420 000
FEB	59 300	AUG	337 000
MAR	70 400	SEP	326 000
APR	301 000	OCT	337 000
MAY	1 280 000	NOV	295 000
JUN	1 150 000	DEC	124 000

TOTAL DISCHARGE, 5 750 000 dam³

PINKUT CREEK NEAR TINTAGEL - STATION NO. 08EC004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.040	1.920	1.910	2.32	3.56	8.33	7.77	8.86	3.71	2.23	2.26	2.15	1
2	2.030	1.910	1.930	2.36	3.62	8.22	7.73	8.59	4.11	2.27	2.26	2.12	2
3	2.020	1.900	1.950	2.35	3.72	7.99	7.69	8.21	4.03	2.26	2.30	2.08	3
4	2.010	1.900	1.980	2.33	3.75	7.75	7.62	7.81	3.85	2.29	2.19	2.068	4
5	2.000	1.900	2.000	2.42	4.01	7.70	7.52	7.41	3.85	2.29	2.19	2.068	5
6	1.979	1.900	2.020	2.46	5.37	7.69	7.64	7.05	3.99	2.33	2.21	2.058	6
7	1.960	1.910	2.060	2.45	7.29	7.73	7.66	6.68	3.89	2.34	2.25	2.048	7
8	1.958	1.920	2.100	2.52	9.31	7.79	7.65	6.40	3.86	2.36	2.32	2.038	8
9	1.948	1.930	2.150	2.48	11.2	7.84	7.77	6.13	3.75	2.30	2.37	2.018	9
10	1.939	1.940	2.22	2.42	12.6	7.80	7.92	5.90	3.70	2.32	2.34	2.008	10
11	1.950	1.920	2.23	2.42	13.2	7.74	8.02	5.54	3.43	2.30	2.36	1.998	11
12	1.958	1.890	2.24	2.41	13.8	7.68	8.00	5.27	3.33	2.31	2.28	1.988	12
13	1.948	1.870	2.20	2.51	14.5	7.65	8.18	5.02	3.34	2.33	2.20	1.978	13
14	1.928	1.880	2.16	2.57	14.8	7.61	8.62	4.73	3.16	2.27	2.22	1.988	14
15	1.918	1.858	2.20	2.61	14.7	7.53	9.25	4.50	2.85	2.22	2.29	1.958	15
16	1.908	1.869	2.27	2.61	14.9	7.43	9.78	4.28	2.58	2.22	2.29	1.958	16
17	1.908	1.878	2.25	2.74	14.7	7.33	10.1	4.06	2.68	2.25	2.29	1.948	17
18	1.908	1.888	2.18	3.01	14.5	7.24	9.93	4.00	2.63	2.32	2.26	1.938	18
19	1.908	1.878	2.21	3.08	14.1	7.16	9.84	3.85	2.61	2.27	2.24	1.928	19
20	1.908	1.868	2.23	3.08	13.8	7.08	9.69	3.68	2.60	2.26	2.23	1.928	20
21	1.908	1.858	2.18	3.31	13.2	7.01	9.85	3.42	2.65	2.25	2.26	1.928	21
22	1.918	1.848	2.26	3.39	12.8	6.70	9.95	3.86	2.77	2.26	2.27	1.918	22
23	1.928	1.858	2.27	3.37	12.4	6.56	9.79	4.04	2.64	2.24	2.32	1.918	23
24	1.928	1.868	2.29	3.43	11.8	6.67	10.1	3.87	2.38	2.32	2.34	1.918	24
25	1.908	1.878	2.22	3.56	10.9	6.92	10.7	3.84	2.37	2.23	2.25	1.908	25
26	1.908	1.888	2.25	3.54	10.5	7.07	11.0	3.43	2.35	2.23	2.34	1.908	26
27	1.908	1.898	2.22	3.46	10.5	7.23	10.8	3.37	2.35	2.17	2.26	1.908	27
28	1.908	1.908	2.24	3.47	10.1	7.41	10.6	3.26	2.39	2.21	2.13	1.918	28
29	1.918		2.31	3.46	9.63	7.59	10.1	3.32	2.22	2.26	2.11	1.928	29
30	1.928		2.35	3.45	9.31	7.71	9.84	3.36	2.26	2.28	2.12	1.938	30
31	1.938		2.39		8.74		9.26	3.38		2.22		1.948	31
TOTAL	60.04	52.60	67.61	85.52	327.01	224.17	280.59	157.05	82.13	70.83	67.75	61.18	TOTAL
MEAN	1.94	1.89	2.18	2.85	10.5	7.47	9.05	5.07	3.07	2.28	2.26	1.97	MEAN
MAX	2.04	1.94	2.39	3.56	14.9	8.33	11.0	8.86	4.11	2.39	2.37	2.15	MAX
MIN	1.90	1.84	1.91	2.32	2.56	6.56	7.56	3.26	2.22	2.17	2.11	1.90	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.24
MAXIMUM DAILY, 14.9 ON MAY 15
MINIMUM DAILY, 1.848 ON FEB 32
MAXIMUM INSTANTANEOUS,
15.1 AT 09:00 PST ON MAY 15

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 24 52 N
LONG 125 25 26 W
DRAINAGE AREA, 882 km²

B - ICE CONDITIONS

REGULATED SINCE 1969

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	5 190	JUL	24 200
FEB	4 550	AUG	13 600
MAR	5 840	SEP	7 550
APR	7 390	OCT	6 120
MAY	28 300	NOV	5 850
JUN	19 400	DEC	5 290

TOTAL DISCHARGE, 134 000 dam³

PITMAN RIVER NEAR THE MOUTH - STATION NO. 08CA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.400	6.150	6.600	E 6.000	E 8.000	302 E	87.5	71.2	58.4	39.6	20.2 B	9.500	1
2	5.400	6.100	6.900	E 6.000	10.0 B	317 E	90.7	80.5	57.1	42.9	19.3 B	9.500	2
3	5.300	6.000	7.000	E 6.000	11.4 B	276	95.8	85.7	60.9	42.5	18.5 B	9.400	3
4	5.200	7.850	6.950	E 6.000	13.2 B	216	89.8	83.5	80.9	44.3	17.8 B	9.100	4
5	5.000	7.750	6.800	E 6.000	15.0 B	181	86.1	89.2	89.7	43.9	17.2 B	8.800	5
6	5.850	7.800	6.600	6.950	17.0 E	135	94.8	94.8	90.5	42.7	17.0 B	8.300	6
7	6.650	7.950	6.550	6.950	19.5 E	126	85.8	92.4	85.7	40.7	16.9 B	8.100	7
8	8.350	8.000	6.500	6.900	22.7 E	122	83.9	93.3	85.2	39.2	16.8 B	8.000	8
9	8.200	8.000	6.500	6.850	26.7 E	125	88.4	90.5	78.8	37.5	16.6 B	8.200	9
10	8.100	8.050	6.500	6.800	29.8 E	133	83.8	88.8	72.6	32.2	16.5 A	8.300	10
11	8.000	8.050	6.600	6.750	29.2 E	144	82.8	88.2	68.0	35.4	16.3 B	8.200	11
12	8.050	7.950	6.750	6.750	31.0 E	147	76.8	86.4	65.6	34.8	16.9 B	8.100	12
13	8.200	7.800	6.650	6.750	32.7 E	138	79.0	85.1	65.3	33.2	16.4 B	7.900	13
14	8.300	7.650	6.600	6.750	36.5 E	129	74.6	82.4	63.3	31.0	16.2 B	7.800	14
15	8.350	7.600	6.550	6.800	41.1 E	131	67.0	80.6	62.0	29.6	15.0 B	7.400	15
16	8.400	7.600	7.000	6.800	41.5 E	146	63.9	80.6	59.6	27.4	14.9 B	7.300	16
17	8.400	7.700	6.950	6.800	42.8 E	127	61.1	89.0	56.3	29.5	14.0 B	7.200	17
18	8.400	7.800	6.900	6.900	38.2 E	118	57.8	72.7	53.1	28.7	13.1 B	7.000	18
19	8.350	7.800	6.850	6.950	30.6 E	132	54.0	75.3	50.0	28.1	12.9 B	6.900	19
20	8.000	7.800	6.450	6.000	71.4 E	137	51.6	72.9	46.7	27.9	12.6 B	6.800	20
21	7.800	7.750	6.250	6.100	85.6 E	127	52.6	68.2	46.9	27.5	12.6 B	6.800	21
22	7.800	7.800	6.100	6.250	82.6 E	121	56.9	72.2	47.6	27.6	12.4 B	6.800	22
23	7.650	7.500	6.050	6.400	59.0 E	124	62.5	71.4	47.9	25.8	12.0 B	6.800	23
24	7.650	7.300	6.000	6.550	55.7 E	120	69.1	72.7	48.2	24.4	12.0 B	6.800	24
25	7.800	7.050	6.000	6.750	82.6 E	114	68.4	76.2	47.6	25.7	11.9 B	6.600	25
26	7.700	6.800	5.800	6.950	68.5 E	105	61.8	72.9	48.1	25.2	11.7 B	6.800	26
27	7.800	6.650	5.800	7.100	39.9 E	84.6	64.3	70.4	45.7	25.6	10.8 B	6.400	27
28	7.950	6.650	5.800	7.400	41.7 E	86.1	67.5	69.6	42.5	26.6	10.0 B	6.300	28
29	8.000		5.900	7.900	73.4 E	78.8	64.5	63.2	40.5	24.0	9.700	6.300	29
30	8.150		5.900	8.500	150 E	85.6	76.4	61.3	39.3	24.8	9.500	6.300	30
31	8.200		5.950		284 E		71.8	58.5		22.5		6.300	31
TOTAL	256.80	214.70	200.10	197.80	1 500.00	4 320.3	2 230.2	1 920.0	1 817.8	992.1	435.00	233.40	TOTAL
MEAN	8.28	7.67	6.45	6.25	48.4	144	71.8	61.9	60.6	32.0	14.5	7.53	MEAN
MAX	8.40	8.15	7.00	8.50	284	317	95.1	76.2	90.5	44.3	20.2	9.50	MAX
MIN	7.65	6.65	5.80	5.75	8.00	78.8	48.4	43.4	39.3	22.5	9.50	6.20	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 39.2
MAXIMUM DAILY, 317E ON JUN 2
MINIMUM DAILY, 5.750 ON APR 11
MAXIMUM INSTANTANEOUS,
327 AT 10:33 PST ON JUN 2

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 57 58 55 N
LONG 126 35 46 W
DRAINAGE AREA, 2 730 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	22 200	JUL	182 000
FEB	18 600	AUG	166 000
MAR	17 200	SEP	167 000
APR	16 200	OCT	85 700
MAY	130 000	NOV	37 600
JUN	373 000	DEC	20 200

TOTAL DISCHARGE, 1 240 000 dam³

PLACE CREEK NEAR BIRKEN - STATION NO. 08MG019

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	1.78	0.913	2.07	3.22	0.233	0.217	---	1
2	---	---	---	---	---	1.84	1.14	1.95	1.95	0.203	0.242	---	2
3	---	---	---	---	---	1.28	0.915	1.92	1.61	0.242	0.181	---	3
4	---	---	---	---	---	1.00	0.888	1.37	1.50	0.252	0.187	---	4
5	---	---	---	---	---	0.772	0.910	1.43	1.12	0.193	0.133	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	0.747	0.879	1.45	0.765	0.157	0.116A	---	7
8	---	---	---	---	---	0.897	0.759	1.41	0.540	0.127	---	---	8
9	---	---	---	---	---	0.980B	0.802	1.57	0.425	0.099	---	---	9
10	---	---	---	---	---	1.03 B	0.810	2.23	0.369	0.083	---	---	10
11	---	---	---	---	---	1.06 B	0.739	2.51	0.328	0.072	---	---	11
12	---	---	---	---	---	0.880B	1.85	2.47	0.404	0.072	---	---	12
13	---	---	---	---	---	0.570B	2.93	2.13	0.434	0.104	---	---	13
14	---	---	---	---	---	0.858	2.96	2.01	0.528	0.111	---	---	14
15	---	---	---	---	---	0.702	2.26	2.16	0.606	0.083	---	---	15
16	---	---	---	---	---	1.01	1.38	1.67	0.595	0.064	---	---	16
17	---	---	---	---	---	0.987	1.26	1.50	0.886	0.055	---	---	17
18	---	---	---	---	---	1.12	1.38	1.60	0.408	0.050	---	---	18
19	---	---	---	---	---	0.848	1.48	1.50	0.295	0.042	---	---	19
20	---	---	---	---	0.080B	0.828	1.57	1.44	0.230	0.041	---	---	20
21	---	---	---	---	0.080B	0.642	2.16	1.39	0.222	0.040	---	---	21
22	---	---	---	---	0.130B	0.552	2.00	1.28	0.414	0.045	---	---	22
23	---	---	---	---	0.200B	0.751	1.77	1.23	0.542	0.058	---	---	23
24	---	---	---	---	0.250B	1.02	1.78	1.38	0.880	0.038E	---	---	24
25	---	---	---	---	0.300B	0.918	1.71	1.61	0.825	0.034E	---	---	25
26	---	---	---	---	0.350B	0.704	1.88	1.43	0.767	0.055	---	---	26
27	---	---	---	---	0.400B	0.686	1.45	1.27	0.897	0.594	---	---	27
28	---	---	---	---	0.400B	0.887	1.45	1.14	0.510	0.718	---	---	28
29	---	---	---	---	0.450B	0.947	1.87	1.73	0.445	0.323	---	---	29
30	---	---	---	---	0.850B	0.938	1.65	1.71	0.384	0.228	---	---	30
31	---	---	---	---	1.00 B	0.897	1.52	1.90	0.287	0.837	---	---	31
					1.75 B		1.81	1.87		0.984			
TOTAL	---	---	---	---	---	27.373	48.321	52.48	20.786	5.737	---	---	TOTAL
MEAN	---	---	---	---	---	0.912	1.49	1.89	0.692	0.185	---	---	MEAN
MAX	---	---	---	---	---	1.78	2.96	2.51	2.22	0.718	---	---	MAX
MIN	---	---	---	---	---	0.642	0.802	1.14	0.222	0.034	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 2.96 ON JUL 13

MAXIMUM INSTANTANEOUS,
3.32 AT 01:50 PST ON JUL 12

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 26 43 N
LONG 122 37 14 W
DRAINAGE AREA, 7.25 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	4 000
FEB	---	AUG	4 540
MAR	---	SEP	1 790
APR	---	OCT	495
MAY	---	NOV	---
JUN	2 370	DEC	---

POUCE COUPE RIVER BELOW HENDERSON CREEK - STATION NO. 07FD007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.3058	0.2128	0.1708	0.4508	61.8 E	3.17	80.7	15.5	0.438	0.304	0.704	0.2018	1
2	0.2918	0.2038	0.1738	0.5308	39.0 E	2.83	95.8	12.8	0.453	0.305	0.772	0.2208	2
3	0.2988	0.2018	0.1728	0.6808	35.0 E	2.44	72.1	11.4	0.487	0.288	0.690	0.2188	3
4	0.2788	0.1958	0.1698	0.8108	32.0 E	2.23	51.2	9.91	0.482	0.355	0.733	0.2268	4
5	0.2808	0.1858	0.1738	1.01 B	29.5 E	2.04	41.9	8.41	0.482	0.370	0.8908	0.2408	5
6	0.2598	0.1828	0.1678	1.25 B	28.0 E	1.93	35.3	7.57	0.477	0.410	0.9588	0.1808	6
7	0.2618	0.1858	0.1858	1.60 B	27.1 E	1.83	89.0	6.12	0.483	0.392	0.4758	0.1408	7
8	0.2588	0.1988	0.1708	2.20 B	30.0 E	1.73	82.0	5.32	0.477	0.382	0.4408	0.1248	8
9	0.2588	0.1958	0.1808	3.10 B	35.0 E	1.82	67.3	4.59	0.524	0.431	0.4208	0.1248	9
10	0.2008	0.2008	0.2008	4.80 B	31.5 E	1.58	54.4	3.94	0.583	0.432	0.4208	0.1408	10
11	0.1888	0.2088	0.2298	8.00 B	27.8 E	1.54	46.0	3.38	0.489	0.438	0.4228	0.1578	11
12	0.2108	0.2178	0.2328	12.0	24.5 E	1.80	38.8	3.60	0.423	0.471	0.4208	0.1888	12
13	0.2258	0.2268	0.2128	15.3	21.0 E	1.89	32.8	2.42	0.438	0.613	0.4038	0.1858	13
14	0.2608	0.2188	0.1988	15.1	18.8 E	1.71	127	2.09	0.446	0.838	0.3918	0.1458	14
15	0.2728	0.1908	0.1878	14.0	16.2 E	1.72	317	1.87	0.402	1.08	0.3868	0.1288	15
16	0.2508	0.1898	0.1858	13.3	14.2 E	1.72	288	1.80	0.426	1.27	0.4018	0.1148	16
17	0.2418	0.1858	0.1988	14.5	12.3 E	1.78	182	1.30	0.409	1.20	0.4028	0.1068	17
18	0.2528	0.1718	0.2058	14.2	10.8 E	1.86	148	1.18	0.388	1.20	0.3868	0.1058	18
19	0.2488	0.1618	0.2108	14.1 A	9.50E	4.17	128 A	1.02	0.381	1.13	0.3828	0.1178	19
20	0.2528	0.1948	0.2008	23.2	8.20E	33.7	132 A	0.948	0.372	1.06	0.3678	0.1308	20
21	0.2458	0.2028	0.1908	24.5	7.40E	28.4	128	0.850	0.417	1.05	0.3218	0.1248	21
22	0.2038	0.1948	0.1878	33.6	6.60E	22.5	100 E	0.788	0.408	1.12	0.2888	0.1188	22
23	0.1788	0.1858	0.1898	36.9 A	6.20E	17.1	80.0E	0.844	0.428	1.17	0.2508	0.1138	23
24	0.1688	0.2108	0.1838	33.5 E	5.80E	15.2	63.0E	0.812	0.428	1.07	0.2308	0.1038	24
25	0.1728	0.1888	0.1888	28.0 E	5.24A	88.3	48.7A	0.800	0.428	1.03	0.2308	0.1018	25
26	0.1888	0.1788	0.2068	24.0 E	5.04	80.5	84.3	0.682	0.405	0.811	0.2528	0.1158	26
27	0.2008	0.1888	0.2198	19.6 E	4.81	66.8	70.2	0.678	0.420	0.824	0.2588	0.1108	27
28	0.2148	0.1738	0.2388	23.3 E	4.36	51.0	46.8	0.678	0.388	0.817	0.2508	0.0988	28
29	0.2208		0.2788	28.0 E	4.16	38.9	36.2	0.682	0.318	0.771	0.2288	0.1008	29
30	0.2218		0.3158	26.2 E	3.82	33.5	27.6	0.677	0.308	0.784	0.2108	0.0958	30
31	0.2288		0.3708		3.62		30.5	0.658		0.703		0.0988	31
TOTAL	7.387	5.437	5.388	482.030	547.88	518.00	2 738.3	110.188	13.905	23.198	12 318	4 301	TOTAL
MEAN	0.237	0.194	0.288	16.1	17.7	17.2	88.0	3.55	0.430	0.748	0 411	0 139	MEAN
MAX	0.305	0.228	0.370	36.8	61.8	80.5	317	15.5	0.553	1.27	0.772	0.240	MAX
MIN	0.188	0.188	0.187	0.650	3.62	1.84	30.5	0.658	0.308	0.288	0.210	0.088	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 12.1
MAXIMUM DAILY, 317 ON JUL 15
MINIMUM DAILY, 0.0888 ON DEC 20
MAXIMUM INSTANTANEOUS,
369 AT 19:10 PST ON JUL 15

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 51 53 N
LONG 120 01 46 W
DRAINAGE AREA, 2 650 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	938	JUL	236 000
FEB	488	AUG	9 520
MAR	953	SEP	1 110
APR	39 100	OCT	2 000
MAY	47 300	NOV	1 080
JUN	44 800	DEC	372

TOTAL DISCHARGE, 383 000 dam³

POWERS CREEK BELOW WESTBANK DIVERSION - STATION NO. 08NM083

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.363	0.922E	0.987E	1.01 E	0.877	0.065	1.15	---	---	---	1
2	---	---	0.352	0.923E	0.958E	1.01 E	0.869	0.085	0.795	---	---	---	2
3	---	---	0.366	0.925E	0.970E	1.02 E	0.834E	0.064	0.458	---	---	---	3
4	---	---	0.372	0.926E	0.971E	1.02 E	0.398	0.063	0.430E	---	---	---	4
5	---	---	0.381	0.926E	0.972E	1.02 E	0.380	0.092	0.402E	---	---	---	5
6	---	---	0.372	0.928E	0.974E	1.02 E	0.584	0.053	0.274	---	---	---	6
7	---	---	0.391	0.931E	0.976E	1.02 E	0.382	0.043E	0.382	---	---	---	7
8	---	---	0.434	0.932E	0.977E	1.03 E	0.540	0.033	0.382	---	---	---	8
9	---	---	1.17	0.934E	0.978E	1.03 E	0.584	0.042	0.236	---	---	---	9
10	---	---	2.25	0.935E	0.980E	1.03 E	0.455E	0.386	0.234	---	---	---	10
11	---	---	2.15	0.937E	0.982E	1.03 E	0.385	0.453	0.588	---	---	---	11
12	---	---	1.65	0.938E	0.983E	1.03 E	0.484	0.256	---	---	---	---	12
13	---	---	1.36	0.940E	0.985E	1.03	0.385	0.244	---	---	---	---	13
14	---	---	1.05	0.941E	0.986E	1.03	0.380	0.256E	---	---	---	---	14
15	---	---	0.937	0.943E	0.988E	1.37	0.315	0.268	---	---	---	---	15
16	---	---	0.850	0.944E	0.989E	1.78	0.240	0.193	---	---	---	---	16
17	---	---	0.775	0.946E	0.991E	1.39	0.188E	0.088	---	---	---	---	17
18	---	0.288	0.805	0.947E	0.992E	1.28	0.098	0.133	---	---	---	---	18
19	---	0.288	0.715	0.948E	0.994E	1.26 E	0.058	0.057	---	---	---	---	19
20	---	0.288	0.780	0.950E	0.995E	1.23	0.046	0.047	---	---	---	---	20
21	---	0.283	0.888	0.952E	0.997E	1.43	0.288	0.042E	---	---	---	---	21
22	---	0.288	0.907E	0.953E	0.998E	1.33	0.250	0.037	---	---	---	---	22
23	---	0.288	0.908E	0.955E	1.00 E	1.46	0.413E	0.036	---	---	---	---	23
24	---	0.381	0.910E	0.956E	1.00 E	1.73	0.477E	0.224	---	---	---	---	24
25	---	0.413	0.911E	0.958E	1.00 E	1.42	0.540	0.258	---	---	---	---	25
26	---	0.489	0.913E	0.959E	1.00 E	1.09 E	0.470	0.300	---	---	---	---	26
27	---	0.416	0.914E	0.961E	1.01 E	0.784	0.388	0.210	---	---	---	---	27
28	---	0.372	0.916E	0.962E	1.01 E	0.756	0.398	0.215E	---	---	---	---	28
29	---		0.917E	0.964E	1.01 E	0.995	0.384	0.220	---	---	---	---	29
30	---		0.919E	0.965E	1.01 E	0.877	0.275E	0.220	---	---	---	---	30
31	---		0.920E		1.01 E		0.172E	0.198	---	---	---	---	31
TOTAL	---	---	27.240	28.306	30.685	34.843	13.120	5.251	---	---	---	---	TOTAL
MEAN	---	---	0.879	0.944	0.989	1.16	0.423	0.169	---	---	---	---	MEAN
MAX	---	---	2.25	0.965	1.01	1.78	0.877	0.453	---	---	---	---	MAX
MIN	---	---	0.352	0.922	0.957	0.756	0.058	0.033	---	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 2.25 ON MAR 10

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 50 27 N
LONG 119 39 05 W
DRAINAGE AREA, 139 km²

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 130
FEB	---	AUG	454
MAR	2 350	SEP	---
APR	2 480	OCT	---
MAY	2 650	NOV	---
JUN	3 030	DEC	---

PREMIER CREEK NEAR QUEEN CHARLOTTE - STATION NO. 08DA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.018	0.028	0.012	0.017	0.003	0.001	0.002	0.006	0.004	0.019	0.037	0.007	1
2	0.027	0.032	0.011	0.013	0.003	0.001	0.002	0.111	0.005	0.021	0.037	0.007	2
3	0.022	0.030	0.011	0.010	0.003	0.001	0.002	0.022	0.005	0.019	0.048	0.007	3
4	0.018	0.018	0.010	0.009	0.003	0.002	0.003	0.018	0.004	0.018	0.038	0.006	4
5	0.018	0.015	0.010	0.017	0.003	0.002	0.008	0.010	0.007	0.016	0.050	0.005	5
6	0.037	0.017	0.009	0.018	0.003	0.001	0.012	0.010	0.011	0.012	0.148	0.005	6
7	0.058	0.018	0.009	0.013	0.004	0.001	0.013	0.008	0.006	0.011	0.058	0.005	7
8	0.040	0.014	0.020	0.010	0.004	0.001	0.011	0.008	0.005	0.053	0.043	0.005	8
9	0.033	0.032	0.020	0.008	0.003	0.001	0.008	0.005	0.005	0.035	0.035	0.011	9
10	0.033	0.037	0.020	0.008	0.003	0.003	0.008	0.008	0.007	0.017	0.031	0.010	10
11	0.135	0.085	0.019	0.007	0.003	0.002	0.008	0.008	0.007	0.014	0.084	0.032	11
12	0.048	0.036	0.062	0.006	0.002	0.002	0.008	0.008	0.032	0.013	0.045	0.019	12
13	0.033	0.026	0.023	0.006	0.003	0.002	0.010	0.007	0.055	0.012	0.038	0.011	13
14	0.055	0.025	0.018	0.006	0.003	0.002	0.008	0.006	0.012	0.010	0.028	0.008	14
15	0.038	0.025	0.013	0.006	0.003	0.002	0.004	0.004	0.008	0.012	0.058	0.007	15
16	0.027	0.022	0.011	0.005	0.002	0.002	0.003	0.004	0.005	0.020	0.034	0.007	16
17	0.024	0.034	0.010	0.005	0.002	0.015	0.002	0.007	0.006	0.023	0.047	0.006	17
18	0.026	0.023	0.009	0.005	0.002	0.006	0.002	0.007	0.006	0.038	0.027	0.005	18
19	0.025	0.021	0.009	0.005	0.002	0.004	0.002	0.006	0.006	0.085	0.023	0.005	19
20	0.030	0.023	0.009	0.005	0.002	0.003	0.002	0.007	0.007	0.043	0.031	0.005	20
21	0.018	0.023	0.008	0.005	0.002	0.002	0.003	0.006	0.006	0.057	0.018	0.005	21
22	0.014	0.024	0.009	0.005	0.002	0.002	0.003	0.005	0.005	0.043	0.017	0.005	22
23	0.012	0.034	0.008	0.005	0.002	0.002	0.002	0.009	0.004	0.031	0.017	0.005	23
24	0.038	0.020	0.008	0.004	0.002	0.001	0.002	0.010	0.071	0.068	0.015	0.004	24
25	0.155	0.017	0.007	0.004	0.003	0.002	0.004	0.010	0.203	0.112	0.012	0.004	25
26	0.072	0.015	0.008	0.004	0.002	0.002	0.005	0.007	0.062	0.081	0.011	0.004	26
27	0.037	0.017	0.013	0.004	0.002	0.002	0.003	0.007	0.034	0.044	0.010	0.004	27
28	0.038	0.015	0.008	0.004	0.002	0.002	0.003	0.005	0.028	0.083	0.009	0.004	28
29	0.055		0.008	0.003	0.002	0.002	0.003	0.005	0.025	0.057	0.008	0.004	29
30	0.034		0.008	0.003	0.002	0.002	0.004	0.005	0.022	0.049	0.008	0.004	30
31	0.031		0.012		0.001		0.004	0.005		0.037		0.004	31
TOTAL	1.200	0.681	0.382	0.220	0.076	0.073	0.148	0.344	0.572	1.152	1.084	0.221	TOTAL
MEAN	0.039	0.024	0.013	0.007	0.002	0.002	0.005	0.011	0.022	0.037	0.035	0.007	MEAN
MAX	0.155	0.085	0.062	0.018	0.004	0.015	0.013	0.111	0.203	0.112	0.148	0.032	MAX
MIN	0.012	0.014	0.007	0.003	0.001	0.001	0.002	0.004	0.004	0.010	0.008	0.004	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.017
MAXIMUM DAILY, 0.203 ON SEP 25
MINIMUM DAILY, 0.001 ON MAY 31
MAXIMUM INSTANTANEOUS,
0.380 AT 03:30 PST ON SEP 25

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 15 30 N
LONG 133 04 00 W

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	104	JUL	13.0
FEB	68.0	AUG	28.7
MAR	33.8	SEP	56.1
APR	19.0	OCT	99.5
MAY	8.67	NOV	81.0
JUN	8.31	DEC	19.1

TOTAL DISCHARGE, 969 dam³

PROSPECT LAKE IN SAANICH - STATION NO. 08HA053

DAILY WATER LEVEL IN METRES FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	1.715	1.593	1.497	1.420	1.355	1.305	---	---	---	1
2	---	---	---	1.715	1.588	1.493	1.417	1.354	1.278	---	---	---	2
3	---	---	---	1.714	1.580	1.488	1.410	1.350	1.278	---	---	---	3
4	---	---	---	1.708	1.572	1.486	1.408	1.350	1.280	---	---	---	4
5	---	---	---	1.698	1.567	1.478	1.408	1.344	1.277	---	---	---	5
6	---	---	---	1.698	1.559	1.475	1.400	1.340	1.273	---	---	---	6
7	---	---	---	1.694	1.555	1.474	1.398	1.338	1.270	---	---	---	7
8	---	---	---	1.692	1.545	1.470	1.394	1.327	1.272	---	---	---	8
9	---	---	---	1.691	1.552	1.462	1.389	1.323	1.272	---	---	---	9
10	---	---	---	1.690	1.550	1.455	1.386	1.311	1.287	---	---	---	10
11	---	---	---	1.690	1.548	1.455	1.392	1.310	1.287	---	---	---	11
12	---	---	---	1.688	1.536	1.452	1.408	1.308	1.287	---	---	---	12
13	---	---	---	1.685	1.532	1.452	1.415	1.305	1.285	---	---	---	13
14	---	---	---	1.680	1.525	1.448	1.401	1.303	1.282	---	---	---	14
15	---	---	---	1.678	1.525	1.441	1.392	1.298	1.280	---	---	---	15
16	---	---	1.700	1.670	1.541	1.438	1.402	1.288	1.288	---	---	---	16
17	---	---	---	1.664	1.542	1.445	1.398	1.285	1.300	---	---	---	17
18	---	---	---	1.660	1.542	1.442	1.398	1.286	1.298	---	---	---	18
19	---	---	---	1.654	1.540	1.439	1.394	1.284	1.295	---	---	---	19
20	---	---	---	1.648	1.540	1.440	1.388	1.280	1.290	---	---	---	20
21	---	---	---	1.642	1.540	1.440	1.390	1.276	1.288	---	---	---	21
22	---	---	---	1.634	1.538	1.438	1.390	1.270	1.288	---	---	---	22
23	---	---	---	1.630	1.536	1.438	1.388	1.268	1.286	---	---	---	23
24	---	---	---	1.632	1.532	1.438	1.381	1.280	1.286	---	---	---	24
25	---	---	---	1.630	1.525	1.438	1.378	1.284	1.282	---	---	---	25
26	---	---	---	1.626	1.524	1.433	1.370	1.280	1.280	---	---	---	26
27	---	---	---	1.620	1.520	1.433	1.370	1.268	1.280	---	---	---	27
28	---	---	---	1.612	1.518	1.428	1.370	1.263	1.277	---	---	---	28
29	---		---	1.604	1.510	1.418	1.368	1.245	1.278	---	---	---	29
30	---		---	1.598	1.504	1.420	1.366	1.245	1.272	---	---	---	30
31	---		---		1.498		1.363	1.242		---		---	31
MEAN	---	---	---	1.685	1.541	1.452	1.392	1.295	1.283	---	---	---	MEAN
MAX	---	---	---	1.715	1.593	1.497	1.420	1.355	1.287	---	---	---	MAX
MIN	---	---	---	1.598	1.498	1.418	1.363	1.242	1.268	---	---	---	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - MANUAL
LOCATION - LAT 48 30 55 N
LONG 123 20 32 W

MINIMUM DAILY, 1.242 ON AUG 31

NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

PUNTLEDGE RIVER AT COURTENAY - STATION NO. 08HB004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	33.0	36.4	34.5	38.1	46.6	83.0	45.2	35.9	22.5	17.2	36.6	32.6	1
2	34.4	34.0	34.3	38.1	63.4	78.7	44.0	36.0	22.3	17.2	68.7	32.8	2
3	34.7	32.7	34.0	34.5	62.8	70.8	41.2	29.2	22.3	17.3	57.1	32.2	3
4	35.5	33.1	33.7	33.8	61.2	81.9	40.4	28.6	21.7	17.4	47.0	31.9	4
5	36.0	32.6	33.3	33.6	59.6	66.4	39.0	28.8	21.8	17.7	38.2	31.7	5
6	34.6	33.2	33.5	33.8	60.5	64.2	38.0	35.2	22.1	17.5	43.4	31.7	6
7	41.6	36.2	43.9	34.2	61.6	65.6	38.5	35.4	22.3	17.0	37.4	31.9	7
8	49.8	35.6	73.0	34.5	59.2	65.7	38.2	29.7	22.0	17.3	34.9	32.8	8
9	85.9	36.3	170	34.6	56.6	71.5	38.7	35.2	21.9	17.2	36.6	32.8	9
10	84.7	36.4	151	34.1	56.8	167	38.5	30.5	26.3	17.4	64.1	32.8	10
11	107	216	161	33.9	60.1	75.2	42.7	27.2	25.3	16.6	230	33.1	11
12	161	246	173	34.2	62.1	63.8	44.8	27.3	23.8	15.6	209	34.3	12
13	130	224	126	32.7	63.3	54.2	43.4	27.3	23.0	14.7	191	35.9	13
14	79.7	162	86.0	33.4	61.6	62.3	39.4	27.1	23.0	14.7	157	34.2	14
15	66.8	150	87.8	34.3	58.6	53.0	38.3	27.1	22.9	14.7	244	33.5	15
16	37.0	118	82.8	35.1	39.8	62.7	37.5	26.8	22.3	14.7	243	30.7	16
17	66.5	140	82.5	36.2	60.2	65.5	36.5	22.7	22.2	14.7	259	25.9	17
18	183	126	63.6	37.2	62.3	63.4	36.8	22.6	22.7	14.9	221	25.7	18
19	223	98.4	61.7	38.3	65.5	62.1	37.3	22.3	23.1	14.9	203	25.1	19
20	188	88.4	58.4	40.2	90.2	61.9	38.6	22.8	23.3	15.2	123	24.2	20
21	101	61.8	33.4	38.4	68.6	60.0	35.5	22.6	23.7	46.5	57.0	24.5	21
22	88.8	89.5	33.3	37.1	61.0	60.7	37.0	22.3	23.0	34.9	52.2	23.7	22
23	66.5	185	34.1	37.2	63.9	63.4	36.0	22.1	22.6	24.1	36.6	23.0	23
24	68.3	200	34.6	41.6	78.0	62.9	35.9	21.0	22.5	23.5	41.1	23.1	24
25	102	129	33.9	41.3	70.6	61.1	38.2	21.8	22.6	38.3	38.4	23.6	25
26	185	72.6	34.1	61.0	62.2	60.9	38.9	22.0	22.6	32.2	38.5	23.3	26
27	183	63.0	34.1	60.0	63.2	60.6	38.0	21.9	26.5	31.3	38.6	23.3	27
28	106	38.6	34.7	60.8	85.6	60.6	36.1	23.3	32.4	28.4	35.9	23.3	28
29	71.6		40.3	63.8	88.6	60.8	35.5	24.1	32.1	23.7	34.3	23.6	29
30	61.8		40.8	66.7	134	61.1	35.7	23.9	30.2	24.1	32.6	24.1	30
31	58.6		36.6		78.7		38.8	22.8		26.6		26.1	31
TOTAL	2 573.8	2 087.7	1 851.8	1 110.0	1 950.3	1 970.0	1 191.1	824.3	880.4	642.6	2 952.6	886.6	TOTAL
MEAN	83.0	86.3	83.0	37.0	62.2	63.3	38.4	26.6	23.7	20.7	98.4	28.6	MEAN
MAX	223	246	236	66.7	134	167	66.3	36.0	35.3	46.6	259	36.8	MAX
MIN	33.0	36.6	33.3	33.6	36.6	46.0	34.6	21.6	20.3	14.7	32.6	23.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 81.2
MAXIMUM DAILY, 259 ON NOV 17
MINIMUM DAILY, 14.7 ON OCT 13
MAXIMUM INSTANTANEOUS,
384 AT 17:41 PST ON FEB 11

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 41 17 N
LONG 125 01 57 W
DRAINAGE AREA, 883 km²

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	222 000	JUL	103 000
FEB	220 000	AUG	71 200
MAR	160 000	SEP	58 800
APR	95 800	OCT	55 600
MAY	143 000	NOV	255 000
JUN	138 000	DEC	76 600

TOTAL DISCHARGE, 1 520 000 dam³

QUALITY CREEK NEAR THE MOUTH - STATION NO. 07FB005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.0418	0.0235	0.0178	0.0288	0.416	0.105	1.06	0.269	0.070	0.048	0.088E	0.0218	1
2	0.0408	0.0218	0.0168	0.0308	0.414	0.107	1.21	0.251	0.070	0.049	0.080E	0.0218	2
3	0.0408	0.0208	0.0158	0.0348	0.382	0.117	1.37	0.257	0.068	0.049	0.078E	0.0218	3
4	0.0388	0.0208	0.0178	0.0388	0.348	0.126	1.51	0.256	0.063	0.054	0.076E	0.0228	4
5	0.0378	0.0198	0.0168	0.0438	0.344	0.122	1.14	0.227	0.059	0.053	0.0728	0.0258	5
6	0.0378	0.0198	0.0178	0.0498	0.385	0.109	0.865	0.200	0.060	0.053	0.0678	0.0238	6
7	0.0368	0.0208	0.0178	0.0548	0.715	0.098	1.45	0.181	0.062	0.051	0.0628	0.0208	7
8	0.0358	0.0208	0.0178	0.0598	0.805	0.108	1.60	0.164	0.062	0.049	0.0578	0.0198	8
9	0.0328	0.0198	0.0208	0.0768	0.978	0.143	1.25	0.146	0.060	0.049	0.0528	0.0178	9
10	0.0308	0.0198	0.0228	0.0818	0.841	0.123	0.993	0.130	0.059	0.049	0.0498	0.0168	10
11	0.0308	0.0208	0.0238	0.0858	0.855	0.112	0.798	0.120	0.055	0.052	0.0518	0.0188	11
12	0.0328	0.0198	0.0228	0.0888	0.805	0.128	0.854	0.110	0.054	0.057	0.0528	0.0198	12
13	0.0328	0.0208	0.0218	0.0848	0.603	0.117	0.538	0.102	0.057	0.0588E	0.0478	0.0208	13
14	0.0318	0.0218	0.0208	0.1008	0.355	0.102	1.52	0.102	0.057	0.0588E	0.0428	0.0188	14
15	0.0318	0.0208	0.0198	0.1338	0.322	0.094	3.36	0.100	0.055	0.0708E	0.0388	0.0188	15
16	0.0288	0.0188	0.0188	0.2348	0.289	0.088	3.80	0.091	0.074	0.0878E	0.0388	0.0158	16
17	0.0288	0.0188	0.0208	0.6308	0.285	0.087	2.78	0.087	0.088	0.0808E	0.0368	0.0148	17
18	0.0298	0.0188	0.0208	0.7308	0.241	0.089	2.36	0.086	0.102	0.0868E	0.0378	0.0158	18
19	0.0288	0.0188	0.0198	0.6408	0.223	1.48	1.84	0.081	0.095	0.0848E	0.0368	0.0168	19
20	0.0288	0.0188	0.0188	0.9908	0.202	2.87	1.58	0.078	0.091	0.0478E	0.0348	0.0178	20
21	0.0288	0.0208	0.0178	1.08 B	0.192	1.81	1.66	0.074	0.084	0.0498E	0.0328	0.0188	21
22	0.0228	0.0208	0.0178	1.08 B	0.178	1.25	1.38	0.067	0.077	0.0558E	0.0318	0.0178	22
23	0.0208	0.0198	0.0178	1.06	0.170	0.811	1.11	0.071	0.070	0.0628E	0.0288	0.0168	23
24	0.0198	0.0228	0.0188	1.17	0.169	0.686	0.910	0.064	0.061	0.0608E	0.0268	0.0158	24
25	0.0198	0.0208	0.0198	1.10	0.150	1.83	0.795	0.060	0.058	0.0588E	0.0268	0.0158	25
26	0.0208	0.0178	0.0208	0.867	0.140	1.26	1.11	0.058	0.052	0.0708E	0.0288	0.0178	26
27	0.0218	0.0188	0.0218	0.712	0.132	0.917	1.22	0.057	0.053	0.0808E	0.0288	0.0178	27
28	0.0228	0.0178	0.0238	0.587	0.132	0.635	0.831	0.068	0.053	0.0808E	0.0288	0.0158	28
29	0.0228		0.0248	0.581	0.126	0.416	0.774	0.085	0.048	0.0748E	0.0258	0.0188	29
30	0.0228		0.0268	0.507	0.120	0.495	0.598	0.084	0.047	0.0648E	0.0228	0.0188	30
31	0.0228		0.0278		0.113		0.385	0.075		0.0708E		0.0158	31
TOTAL	0.900	0.543	0.805	13.204	10.814	16.749	42.449	3.840	1.971	1.842	1.370	0.648	TOTAL
MEAN	0.029	0.019	0.020	0.440	0.349	0.558	1.37	0.124	0.066	0.059	0.046	0.015	MEAN
MAX	0.041	0.023	0.027	1.17	0.978	2.87	3.80	0.269	0.102	0.090	0.088	0.025	MAX
MIN	0.018	0.015	0.015	0.028	0.113	0.087	0.385	0.057	0.047	0.047	0.022	0.014	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.260
MAXIMUM DAILY, 3.80 ON JUL 15
MINIMUM DAILY, 0.0148 ON DEC 17
MAXIMUM INSTANTANEOUS,
3.88 AT 23:40 PST ON JUL 15

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 08 45 N
LONG 120 56 24 W
DRAINAGE AREA, 29.5 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	77.8	JUL	3 670
FEB	46.9	AUG	332
MAR	52.3	SEP	170
APR	1 140	OCT	159
MAY	934	NOV	118
JUN	1 450	DEC	47.3

TOTAL DISCHARGE, 8 200 dam³

QUAMICHAN LAKE NEAR DUNCAN - STATION NO. 08HA020

DAILY WATER LEVEL IN METRES FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	1.476	1.232	1.048	0.934	0.832	0.787	---	---	---	1
2	---	---	---	1.480	1.220	1.046	0.930	0.828	0.787	---	---	---	2
3	---	---	---	1.472	1.212	1.040	0.928	0.824	0.786	---	---	---	3
4	---	---	---	1.464	1.206	1.035	0.926	0.818	0.786	---	---	---	4
5	---	---	---	1.456	1.200	1.032	0.924	0.818	0.785	---	---	---	5
6	---	---	---	1.450	1.196	1.030	0.922	0.813	0.783	---	---	---	6
7	---	---	---	1.426	1.190	1.025	0.920	0.811	0.788	---	---	---	7
8	---	---	---	1.418	1.182	1.022	0.918	0.809	0.786	---	---	---	8
9	---	---	---	1.410	1.178	1.018	0.914	0.807	0.838	---	---	---	9
10	---	---	---	1.404	1.174	1.012	0.915	0.805	0.888	---	---	---	10
11	---	---	---	1.398	1.170	1.008	0.918	0.803	0.882	---	---	---	11
12	---	---	---	1.392	1.164	1.004	0.918	0.801	0.878	---	---	---	12
13	---	---	---	1.384	1.160	0.998	0.913	0.797	0.876	---	---	---	13
14	---	---	---	1.376	1.156	0.994	0.911	0.781	0.872	---	---	---	14
15	---	---	---	1.362	1.152	0.990	0.909	0.769	0.870	---	---	---	15
16	---	---	---	1.340	1.148	0.986	0.907	0.764	0.868	---	---	---	16
17	---	---	---	1.336	1.140	0.982	0.906	0.758	0.864	---	---	---	17
18	---	---	---	1.330	1.137	0.980	0.901	0.752	0.851	---	---	---	18
19	---	---	---	1.320	1.134	0.978	0.897	0.748	0.844	---	---	---	19
20	---	---	---	1.306	1.130	0.973	0.893	0.744	0.833	---	---	---	20
21	---	---	1.595	1.300	1.126	0.973	0.887	0.740	0.818	---	---	---	21
22	---	---	---	1.296	1.120	0.969	0.883	0.738	0.798	---	---	---	22
23	---	---	---	1.282	1.116	0.963	0.879	0.736	0.778	---	---	---	23
24	---	---	---	1.276	1.095	0.963	0.872	0.734	0.773	---	---	---	24
25	---	---	---	1.270	1.090	0.959	0.868	0.732	0.787	---	---	---	25
26	---	---	---	1.264	1.084	0.955	0.865	0.734	0.785	---	---	---	26
27	---	---	---	1.258	1.078	0.953	0.862	0.736	0.810	---	---	---	27
28	---	---	---	1.258	1.070	0.949	0.856	0.737	0.804	---	---	---	28
29	---		---	1.256	1.084	0.941	0.852	0.736	0.772	---	---	---	29
30	---		---	1.250	1.084	0.941	0.852	0.736	0.768	---	---	---	30
31	---		---	1.248	1.085	0.935	0.846	0.735		---		---	31
					1.080		0.842	0.733					
MEAN	---	---	---	1.358	1.143	0.992	0.897	0.773	0.812	---	---	---	MEAN
MAX	---	---	---	1.480	1.232	1.048	0.934	0.832	0.888	---	---	---	MAX
MIN	---	---	---	1.248	1.080	0.935	0.842	0.733	0.768	---	---	---	MIN

WATER LEVELS IN METRES

MINIMUM DAILY, 0.732 ON AUG 25

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - MANUAL
LOCATION - LAT 48 47 26 N
LONG 123 40 28 W

NATURAL FLOW

QUARANTINE LAKE NEAR METCHOSIN - STATION NO 08HA041

DAILY WATER LEVEL IN METRES FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.410	1.409	1.409	1.413	1.359	1.237	1.082	0.927E	0.761	0.673	0.651	1.416	1
2	1.412	1.409	1.409	1.412	1.345	1.231	1.076	0.920A	0.767	0.670	0.660	1.415	2
3	1.414	1.408	1.408	1.410	1.380	1.224	1.072	0.913	0.762	0.672	0.684	1.414	3
4	1.419	1.408	1.408	1.409	1.387	1.216	1.065	0.911	0.758	0.673	0.691	1.414	4
5	1.451	1.407	1.408	1.409	1.352	1.210	1.057	0.905	0.753	0.670	0.691	1.415	5
6	1.425	1.407	1.407	1.408	1.348	1.204	1.050	0.900	0.750	0.686	0.695	1.414	6
7	1.433	1.408	1.407	1.407	1.345	1.197	1.043	0.895	0.743	0.683	0.714	1.415	7
8	1.488	1.408	1.408	1.405	1.343	1.189	1.036	0.891	0.739	0.659	0.714	1.426	8
9	1.454	1.415	1.410	1.408	1.338	1.185	1.029	0.881	0.734	0.656	0.713	1.430	9
10	1.469	1.415	1.411	1.411	1.334	1.181	1.024	0.872	0.742	0.652	0.717	1.430	10
11	1.430	1.420	1.410	1.409	1.330	1.175	1.037	0.884	0.741	0.648	0.744	1.425	11
12	1.421	1.431	1.409	1.408	1.325	1.168	1.048	0.858	0.737	0.645	0.749	1.423	12
13	1.418	1.428	1.410	1.408	1.320	1.163	1.047	0.852	0.733	0.643	0.750	1.433	13
14	1.415	1.419	1.422	1.408	1.316	1.157	1.040	0.844	0.729	0.640	0.757	1.436	14
15	1.413	1.416	1.419	1.407	1.331	1.150	1.035	0.836	0.724	0.637	0.762	1.426	15
16	1.412	1.414	1.414	1.406	1.329	1.148	1.030	0.828	0.720	0.634	0.802	1.423	16
17	1.411	1.422	1.411	1.405	1.325	1.153	1.024	0.822	0.717	0.635	0.817	1.420	17
18	1.410	1.421	1.410	1.402	1.323	1.148	1.018	0.817	0.725	0.633	0.863	1.418	18
19	1.411	1.420	1.408	1.400	1.318	1.143	1.012	0.810	0.721	0.633	0.910	1.418	19
20	1.412	1.428	1.407	1.397	1.314	1.139	1.006	0.803	0.716	0.639	1.006	1.408E	20
21	1.410	1.422	1.407	1.394	1.309	1.131	1.000	0.797	0.713	0.642	1.070	1.408E	21
22	1.410	1.421	1.408	1.391	1.305	1.125	0.992	0.790	0.710	0.647	1.104	1.408E	22
23	1.411	1.418	1.408	1.389	1.299	1.120	0.982	0.782	0.706	0.645	1.142	1.408E	23
24	1.412	1.415	1.405	1.390	1.294	1.114	0.982	0.775	0.701	0.646	1.388	1.408E	24
25	1.412	1.414	1.405	1.388	1.288	1.109	0.975A	0.770	0.697	0.650	1.438	1.414E	25
26	1.417	1.413	1.404	1.387	1.280	1.104	0.988E	0.763	0.693	0.648	1.429	1.414E	26
27	1.418	1.411	1.405	1.384	1.273	1.098	0.961E	0.758	0.689	0.647	1.430	1.414E	27
28	1.414	1.410	1.405	1.381	1.267	1.091	0.954E	0.754	0.685	0.644	1.432	1.414E	28
29	1.412		1.410	1.378	1.259	1.085	0.947E	0.751	0.681	0.643	1.420	1.417E	29
30	1.411		1.411	1.373	1.248	1.080	0.941E	0.751	0.677	0.650	1.417	1.424	30
31	1.410		1.418		1.243		0.934E	0.749		0.652		1.428	31
MEAN	1.422	1.416	1.408	1.400	1.318	1.155	1.015	0.832	0.724	0.650	0.945	1.419	MEAN
MAX	1.486	1.431	1.422	1.413	1.388	1.237	1.082	0.927	0.767	0.673	1.436	1.438	MAX
MIN	1.410	1.407	1.404	1.373	1.243	1.080	0.934	0.749	0.677	0.643	0.651	1.408	MIN

SUMMARY FOR THE YEAR 1983

WATER LEVELS IN METRES

MEAN, 1.161
MAXIMUM DAILY, 1.486 ON JAN 8
MINIMUM DAILY, 0.633 ON OCT 18
MAXIMUM INSTANTANEOUS,
1.881 AT 05:13 PST ON JAN 8

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 20 48 N
LONG 123 35 40 W
DATA CONTRIBUTED BY -
BRITISH COLUMBIA MINISTRY OF ENVIRONMENT

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

QUESNEL LAKE NEAR LIKELY - STATION NO 08KH011

DAILY WATER LEVEL IN METRES FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.257	0.188	0.176	0.274	0.818	1.502	1.810	1.698	0.944	0.819	0.673	0.804	1
2	0.264	0.178	0.172	0.276	0.829	1.588	1.788	1.883	0.938	0.805	0.789	0.876	2
3	0.250	0.182	0.186	0.270	0.884	1.618	1.782	1.836	0.930	0.783	0.885	0.870	3
4	0.256	0.188	0.182	0.271	0.897	1.638	1.778	1.802	0.930	0.803	0.743	0.884	4
5	0.263	0.184	0.182	0.274	0.710	1.682	1.788	1.580	0.914	0.884	0.778	0.880	5
6	0.241	0.144	0.188	0.272	0.738	1.654	1.748	1.647	0.828	0.886	0.745	0.832	6
7	0.258	0.141	0.180	0.262	0.784	1.684	1.722	1.508	0.809	0.851	0.782	0.821	7
8	0.238	0.146	0.170	0.280	0.787	1.672	1.686	1.480	0.896	0.883	0.780	0.828	8
9	0.241	0.144	0.184	0.280	0.822	1.678	1.678	1.474	0.882	0.832	0.757	0.808	9
10	0.288	0.130	0.170	0.281	0.828	1.708	1.884	1.428	0.878	0.821	0.805	0.800	10
11	0.271	0.188	0.204	0.284	0.844	1.722	1.882	1.428	0.880	0.887	0.787	0.805	11
12	0.282	0.137	0.232	0.286	0.858	1.727	1.884	1.402	0.842	0.884	0.749	0.879	12
13	0.264	0.128	0.240	0.283	0.858	1.728	1.778	1.378	0.838	0.880	0.738	0.884	13
14	0.228	0.140	0.238	0.284	0.883	1.718	1.858	1.370	0.812	0.866	0.738	0.889	14
15	0.237	0.142	0.248	0.288	0.878	1.710	1.804	1.338	0.800	0.860	0.781	0.857	15
16	0.228	0.141	0.248	0.288	0.880	1.716	1.832	1.320	0.788	0.861	0.747	0.834	16
17	0.224	0.154	0.248	0.282	0.890	1.748	1.840	1.280	0.783	0.847	0.763	0.811	17
18	0.249	0.161	0.254	0.282	0.892	1.828	1.846	1.268	0.776	0.847	0.730	0.788	18
19	0.228	0.114	0.258	0.286	0.846	1.836	1.810	1.238	0.772	0.846	0.712	0.887	19
20	0.211	0.122	0.260	0.310	0.844	1.838	1.808	1.212	0.783	0.847	0.715	0.888	20
21	0.212	0.128	0.260	0.381	0.884	1.848	1.804	1.176	0.782	0.828	0.693	0.888	21
22	0.208	0.124	0.262	0.380	0.898	1.882	1.898	1.152	0.740	0.880	0.698	0.841	22
23	0.207	0.138	0.260	0.408	1.008	1.881	1.872	1.130	0.732	0.838	0.883	0.805	23
24	0.190	0.138	0.254	0.438	1.058	1.880	1.850	1.098	0.712	0.827	0.880	0.827	24
25	0.188	0.154	0.260	0.486	1.088	1.854	1.828	1.080	0.710	0.880	0.888	0.823	25
26	0.228	0.180	0.261	0.498	1.138	1.848	1.832	1.054	0.700	0.884	0.870	0.821	26
27	0.224	0.180	0.260	0.534	1.170	1.848	1.826	1.028	0.682	0.842	0.881	0.286	27
28	0.220	0.170	0.261	0.538	1.208	1.818	1.800	1.028	0.852	0.885	0.838	0.315	28
29	0.204		0.268	0.570	1.288	1.802	1.772	1.000	0.847	0.805	0.829	0.287	29
30	0.182		0.270	0.602	1.348	1.812	1.748	0.889	0.826	0.878	0.819	0.304	30
31	0.170		0.264		1.434		1.728	0.852		0.895		0.297	31
MEAN	0.230	0.148	0.225	0.380	0.929	1.744	1.807	1.308	0.805	0.815	0.717	0.435	MEAN
MAX	0.271	0.178	0.270	0.602	1.434	1.884	1.944	1.889	0.944	0.819	0.805	0.804	MAX
MIN	0.170	0.114	0.164	0.252	0.818	1.502	1.884	0.852	0.826	0.437	0.819	0.286	MIN

SUMMARY FOR THE YEAR 1983

WATER LEVELS IN METRES

MEAN, 0.771
MAXIMUM DAILY, 1.944 ON JUL 18
MINIMUM DAILY, 0.114 ON FEB 19

TYPE OF GAUGE - MANUAL
LOCATION - LAT 52 34 50 N
LONG 121 32 00 W

NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

QUESNEL RIVER AT LIKELY - STATION NO. 08KH001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	44.3	34.2	35.4	45.7	89.0	230	288	286	135	88.6	88.4	86.8	1
2	43.8	34.0	35.4	44.7	91.1	241	286	261	133	87.8	86.4	82.9	2
3	43.2	33.7	35.4	45.4	95.2	250	283	254	132	86.7	88.8	80.1	3
4	41.9	33.7	35.6	45.4	99.3	254	285	250	132	84.7	101	80.8	4
5	44.1	33.5	36.1	44.7	101	258	279	242	133	86.8	104	89.7	5
6	44.4	34.4	35.8	46.7	104	259	274	237	135	89.7	106	90.3	6
7	43.8	31.8	35.4	47.4	109	259	272	230	135	78.8	107	79.0	7
8	41.4	31.8	35.8	47.7	111	260	267	225	134	76.4	110	76.0	8
9	41.4	33.2	35.8	47.7	114	264	265	220	133	74.9	106	74.0	9
10	42.9	32.8	35.8	47.2	116	270	259	221	123	75.3	104	71.8	10
11	50.8	32.7	37.1	47.7	118	271	258	215	121	74.9	105	71.8	11
12	41.4	30.1	41.1	47.7	120	274	257	208	119	73.1	108	71.8	12
13	40.8	31.8	40.8	47.8	121	271	260	208	121	72.2	105	71.8	13
14	40.5	31.8	41.1	47.4	121	270	257	203	119	71.8	103	70.2	14
15	41.7	32.0	41.4	47.2	122	267	307	204	118	71.2	104	89.8	15
16	40.2	33.5	41.7	46.7	122	267	312	198	111	89.8	108	82.8	16
17	40.2	33.2	42.3	46.4	127	272	317	194	112	87.7	107	82.0	17
18	42.3	31.8	42.6	46.8	129	289	317	190	111	86.8	103	80.6	18
19	40.2	33.2	42.0	49.4	133	293	311	185	111	85.2	101	88.3	19
20	40.2	32.0	42.9	50.8	134	293	310	178	108	82.8	101	88.3	20
21	40.8	31.8	43.1	88.3	138	297	307	175	107	84.3	101	84.1	21
22	37.9	31.8	42.9	80.4	144	297	306	169	105	86.0	100	83.4	22
23	35.8	31.8	42.8	81.8	144	296	300	164	101	84.3	97.8	82.8	23
24	37.9	33.2	42.9	84.8	151	299	296	155	101	88.1	98.2	81.8	24
25	37.9	34.0	43.8	87.9	156	300	292	155	101	88.8	98.2	81.1	25
26	36.9	34.7	44.1	71.8	166	297	290	150	100	70.7	100	80.8	26
27	33.2	34.4	44.1	73.8	172	291	293	148	94.8	78.4	98.0	88.9	27
28	38.4	34.8	43.8	77.8	181	290	288	144	83.7	78.8	95.2	87.7	28
29	36.8		43.7	78.8	190	288	280	144	80.7	80.8	92.7	88.8	29
30	35.2		45.4	88.1	203	289	274	141	80.3	80.8	91.1	85.4	30
31	35.0		43.8		218		271	139		89.2		85.4	31
TOTAL	1 264.8	921.8	1 248.2	1 881.8	4 137.8	8 255	8 930	6 075	3 488.8	2 312.8	3 044.8	1 998.7	TOTAL
MEAN	40.8	32.9	40.3	84.7	133	275	288	196	116	74.8	101	84.4	MEAN
MAX	50.8	34.8	45.4	88.1	218	300	317	266	136	89.2	110	88.8	MAX
MIN	33.8	30.1	35.4	44.7	89.0	230	258	139	80.3	82.8	91.1	45.4	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 119
MAXIMUM DAILY, 317 ON JUL 17
MINIMUM DAILY, 30.1 ON FEB 12

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - MANUAL
LOCATION - LAT 52 38 54 N
LONG 121 34 15 W
DRAINAGE AREA, 5 930 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	108 000	JUL	772 000
FEB	79 800	AUG	525 000
MAR	108 000	SEP	299 000
APR	142 000	OCT	200 000
MAY	357 000	NOV	263 000
JUN	713 000	DEC	173 000

TOTAL DISCHARGE, 3 740 000 dam³

QUESNEL RIVER NEAR QUESNEL - STATION NO 08KH005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	77.5	61.5	75.4	87.1	198	517	448	403	200	138	204	135	1
2	77.0	60.5	74.9	87.1	202	524	448	385	203	135	206	135	2
3	76.2	59.5	72.3	87.8	204	529	447	367	216	134	207	135	3
4	76.8	58.0	71.8	88.8	209	518	446	382	233	134	205	135	4
5	76.2	57.8	69.7	89.5	216	502	445	371	235	133	204	130	5
6	74.6	56.6	70.0	92.5	216	472	442	362	237	132	203	125	6
7	74.4	58.0	70.7	98.1	218	466	436	338	234	131	201	124	7
8	74.1	56.6	72.3	99.6	220	464	422	329	226	129	200	122	8
9	73.6	56.6	74.4	99.6	238	471	385	321	218	124	197	121	9
10	73.1	56.4	77.5	97.8	235	471	385	316	209	122	194	113 B	10
11	73.1	58.8	78.1	97.2	234	480	387	317	199	117	191	105 B	11
12	72.8	57.7	81.4	94.7	232	488	458	312	194	116	182	98.0	12
13	71.5	58.3	83.2	94.4	228	482	459	307	190	114	178	94.5	13
14	70.5	58.0	85.3	93.8	226	484	477	302	185	113	172	92.0	14
15	69.5	57.3	85.3	93.4	229	458	510	294	183	113	175	90.5	15
16	68.8	57.5	85.8	97.2	232	486	508	286	180	113	175	89.5	16
17	68.0	57.7	86.2	98.5	236	471	477	282	179	112	173	88.0	17
18	68.7	58.4	89.8	102	251	543	562	280	178	108	168	87.0	18
19	69.3	58.4	90.3	110	265	551	540	278	174	105	161	86.0	19
20	68.0	58.8	89.5	118	267	568	530	270	173	110	162	85.0	20
21	68.3	58.3	88.0	132	276	558	518	258	167	113	157	84.5	21
22	68.5	60.3	88.1	133	285	551	515	251	166	113	154	84.0	22
23	68.3	65.8	88.1	158	302	527	501	243	162	114	151	83.5	23
24	68.58	67.1	85.8	165	312	496	488	231	157	114	148	82.8	24
25	67.88	68.0	85.5	178	334	481	478	228	154	115	148	82.8	25
26	67.1	72.5	85.5	181	348	488	488	228	151	118	142	80.8	26
27	65.6	75.7	85.5	188	363	478	467	221	148	124	140	80.8	27
28	63.5	78.9	85.3	188	370	467	484	218	144	133	138	79.5	28
29	63.7		87.8	191	339	448	447	210	141	140	137	78.5	29
30	63.4		87.4	198	427	447	424	206	139	174	136	78.8	30
31	62.9		87.1		479		408	204		187		77.8	31
TOTAL	2 181.8	1 706.8	2 538.4	3 839.0	8 488	14 838	14 787	9 068	5 579	3 897	5 283	3 082.0	TOTAL
MEAN	70.4	61.0	81.9	121	273	485	477	292	186	125	173	99.4	MEAN
MAX	77.5	78.9	90.3	196	479	568	510	403	237	187	207	135	MAX
MIN	62.9	56.4	69.7	87.1	198	448	385	204	139	108	136	77.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 295
MAXIMUM DAILY, 510 ON JUL 15
MINIMUM DAILY, 56.4 ON FEB 10

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - MANUAL
LOCATION - LAT 52 50 37 N
LONG 122 13 25 W
DRAINAGE AREA, 11 500 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	189 000	JUL	1 280 000
FEB	147 000	AUG	783 000
MAR	219 000	SEP	462 000
APR	314 000	OCT	337 000
MAY	731 000	NOV	458 000
JUN	1 280 000	DEC	266 000

TOTAL DISCHARGE, 6 480 000 dam³

QUINSAM RIVER NEAR CAMPBELL RIVER - STATION NO. 08HD005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	8.00E	12.0	12.3 E	12.7	5.74	3.90	3.22	2.41	3.20	3.31	8.21	9.11	1
2	10.0 E	10.2	9.00A	13.2	5.82	3.71	3.13	2.38	3.42	3.29	8.37	8.09	2
3	10.9 A	9.05	8.88A	11.4	5.08	3.42	3.14	2.34	3.50	3.35	7.75	7.41	3
4	11.2 E	8.21	7.71A	10.3	5.16	3.15	3.13	2.29	3.55	3.21	8.27	6.88	4
5	10.1 A	7.12	6.88A	9.14	5.71	3.04	3.05	2.26	3.56	3.24	10.3	6.36	5
6	10.0 E	7.03	7.23A	8.27	5.12	2.91	3.01	2.20	3.60	3.27	12.6	5.94	6
7	9.42A	8.89	8.49A	7.43	4.84	2.84	2.90	2.19	3.61	3.13	13.5	5.31	7
8	11.8	8.57	10.9 A	8.58	4.87	2.77	2.80	2.21	3.72	3.13	12.5	5.32	8
9	14.7	9.56	30.3 A	8.14	4.52	2.89	2.75	2.15	3.76	3.15	12.0	5.37	9
10	18.3	9.94	41.7 A	5.86	4.12	3.19	2.75	2.09	5.25	3.19	13.7	5.15	10
11	23.6	43.6	31.9 A	5.75	3.93	3.63	2.94	2.02	4.89	3.18	29.9	5.39	11
12	33.2	91.3 A	30.0 A	5.48	3.87	3.37	3.36	1.96	4.56	3.15	35.5	7.79	12
13	35.8	82.0 E	34.5 E	5.22	3.97	3.18	3.95	1.92	4.33	3.21	29.5	12.2	13
14	29.8	46.0 E	41.0 A	4.84	4.09	3.04	4.26	1.94	3.98	3.24	42.0	10.5	14
15	21.7	31.0 E	34.6 A	4.55	4.08	2.97	4.22	1.91	3.60	3.12	59.9	9.48	15
16	15.7	25.0 E	30.5 A	4.34	3.78	2.79	4.05	1.91	3.31	3.01	56.7	8.80	16
17	12.8	31.0 E	50.6 A	4.15	3.85	2.80	3.72	1.91	3.11	2.92	58.0	7.88	17
18	14.5	26.0 E	12.6 A	4.06	3.87	2.71	3.42	1.90	3.02	2.78	48.8	6.88	18
19	14.6	20.0 E	10.5	4.03	3.70	2.65	3.18	1.89	2.82	2.78	35.6	6.35	19
20	17.9	15.3 E	9.32	4.15	3.87	2.88	3.09	1.87	2.82	2.90	28.5	5.07	20
21	15.0	12.3 E	8.19	4.40	4.26	2.68	3.25	1.88	2.99	3.44	22.3	4.40	21
22	12.8	20.0 E	7.23	4.85	4.28	2.57	3.28	1.84	3.06	5.49	18.1	3.97	22
23	11.5	26.0 E	6.63	4.57	4.36	2.85	3.18	1.88	3.09	8.83	14.8	3.75	23
24	10.1	22.5 E	6.18	5.00	4.43	2.84	3.01	1.84	3.59	8.39	15.7	3.67	24
25	10.7	22.5 E	5.85	5.81	4.52	2.81	2.92	1.81	3.94	5.86	15.1	3.92	25
26	34.4	20.0 E	4.89	8.23	4.35	2.67	2.87	1.82	3.88	8.98	14.2	4.17	26
27	48.0	17.5 E	4.88	8.14	3.97	2.80	2.81	1.82	3.83	9.83	14.5	4.10	27
28	41.8	13.8 E	5.37	5.82	3.78	2.87	2.71	2.05	3.75	10.3	12.8	3.95	28
29	26.3		9.85	5.51	4.01	2.98	2.59	2.53	3.57	9.08	11.5	3.84	29
30	18.0		11.7	5.63	4.37	3.03	2.47	2.97	3.42	7.84	10.1	4.01	30
31	14.1		11.7		4.18		2.50	3.10		8.51		4.30	31
TOTAL	588.52	630.77	510.88	191.47	138.10	88.75	97.62	85.29	105.14	141.80	678.10	188.77	TOTAL
MEAN	19.2	22.5	16.5	6.38	4.45	2.98	3.15	2.11	3.64	4.57	22.6	6.09	MEAN
MAX	48.4	91.3	50.6	13.2	5.16	3.90	4.26	3.10	5.25	10.3	59.9	12.2	MAX
MIN	8.00	5.57	4.88	4.03	3.85	2.57	2.47	1.81	2.82	2.78	8.21	3.67	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.62
MAXIMUM DAILY, 91.3A ON FEB 12
MINIMUM DAILY, 1.81 ON AUG 25
MAXIMUM INSTANTANEOUS,
102 AT 05:07 PST ON FEB 12

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 01 45 N
LONG 125 17 55 W
DRAINAGE AREA, 280 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	51 500	JUL	8 430
FEB	54 500	AUG	5 540
MAR	44 100	SEP	9 430
APR	16 500	OCT	12 200
MAY	11 900	NOV	58 500
JUN	7 750	DEC	16 300

TOTAL DISCHARGE, 297 000 dam³

RABBIT RIVER NEAR THE MOUTH - STATION NO. 10BE012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.20B	3.52B	4.09B	5.90B	---	---	---	37.2	33.7	37.2	22.0B	12.1 B	1
2	4.38B	3.54B	4.00B	6.00B	---	---	---	37.6	33.0	40.8	22.1B	12.4 B	2
3	4.40B	3.53B	4.05B	6.00B	---	---	---	36.9	34.8	40.8	21.0B	12.7 B	3
4	3.90B	3.43B	4.09B	6.20B	---	---	---	38.9	39.8	39.0	20.0B	12.6 B	4
5	3.88B	3.45B	3.84B	6.55B	---	133A	---	38.3	43.6	38.0	20.3B	11.9 B	5
6	3.70B	3.55B	3.78B	6.45B	---	---	---	36.2	43.7	36.4	19.0B	10.4 B	6
7	3.93B	3.78B	3.60B	5.80B	---	---	---	34.9	42.8	35.1	18.7B	9.40B	7
8	3.60B	3.65B	4.20B	---	---	---	---	33.8	40.9	33.8	18.2B	9.00B	8
9	3.80B	3.49B	4.90B	---	---	---	---	32.7	38.5	33.8	18.5B	8.90B	9
10	3.43B	3.31B	5.50B	---	---	---	---	31.4	36.8	33.3B	18.3B	8.39B	10
11	3.40B	3.32B	5.30B	---	25.1A	---	---	30.7	35.4	32.8	18.7B	9.30B	11
12	3.45B	3.50B	4.80B	---	---	---	---	30.5	33.9	31.8	18.6B	9.90B	12
13	3.85B	3.65B	4.95B	---	---	---	---	30.1	33.1	30.5	17.3B	9.97B	13
14	3.80B	3.52B	4.90B	---	---	---	---	29.5	32.2	28.8	16.2B	9.50B	14
15	3.83B	3.43B	4.90B	---	---	---	---	29.1	31.5	27.0	16.0B	9.08B	15
16	4.05B	3.40B	5.20B	---	---	---	---	29.4	30.6	28.0B	15.3B	8.85B	16
17	4.18B	3.46B	5.05B	---	---	---	---	32.4	30.0	29.0B	17.0B	8.90B	17
18	4.05B	3.70B	4.85B	---	---	---	---	40.1	29.8	29.2B	18.7B	9.40B	18
19	3.78B	4.00B	4.90B	---	---	---	---	38.6	29.2	28.2B	15.5B	9.50B	19
20	3.73B	4.33B	4.85B	---	---	---	---	42.4	29.1	28.1B	13.7B	9.52B	20
21	3.88B	4.40B	4.65B	---	---	---	---	51.3	32.7	27.5B	12.9B	9.05B	21
22	3.48B	4.10B	4.55B	---	---	---	---	53.4	36.8	28.0B	12.8B	9.10B	22
23	3.18B	4.00B	4.80B	---	---	---	---	55.4	38.7	25.0B	12.9B	9.20B	23
24	3.13B	4.41B	4.80B	---	---	---	---	55.3	40.1	24.5B	12.7B	9.00B	24
25	3.15B	4.18B	4.85B	---	---	---	---	52.2	38.6	24.7B	13.3B	9.02B	25
26	3.27B	3.91B	4.98B	---	---	---	---	47.1	38.5	25.0B	13.5B	8.55B	26
27	3.55B	3.61B	4.85B	---	---	---	---	43.8	37.1	24.7B	13.2B	8.25B	27
28	3.65B	3.69B	4.80B	---	---	---	---	40.7	35.3	25.2B	12.5B	8.05B	28
29	3.82B		5.20B	---	---	---	41.5A	38.3	38.0	24.3B	11.9B	8.00B	29
30	3.63B		5.20B	---	---	---	38.3	37.3	37.5	23.6B	11.8B	8.20B	30
31	3.63B		5.56B	---	---	---	39.5	36.1		23.0B		8.45B	31
TOTAL	115.73	104.45	146.23	---	---	---	---	1 202.8	1 074.1	932.0	492.7	257.16	TOTAL
MEAN	3.73	3.73	4.72	---	---	---	---	38.8	35.8	30.1	16.4	8.59	MEAN
MAX	4.40	4.41	5.55	---	---	---	---	55.4	43.7	40.8	22.1	12.7	MAX
MIN	3.13	3.31	3.78	---	---	---	---	29.1	29.1	23.0	11.8	8.00	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 3.13B ON JAN 24

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 59 36 34 N
LONG 127 05 46 W
DRAINAGE AREA, 3 780 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	10 000	JUL	---
FEB	9 020	AUG	104 000
MAR	12 600	SEP	92 600
APR	---	OCT	80 500
MAY	---	NOV	43 600
JUN	---	DEC	25 700

RASPBERRY CREEK NEAR THE MOUTH - STATION NO. 10CD003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0B	0B	0B	0 B	3.52B	1.05	0.389	0.749	0.012	0.152	0.0578	0B	1
2	0B	0B	0B	0 B	3.20B	0.983	0.337	0.689	0.011	0.169	0.0588	0B	2
3	0B	0B	0B	0 B	2.95B	0.893	0.346	0.670	0.008	0.185	0.0508	0B	3
4	0B	0B	0B	0 B	2.80E	0.840	0.908	0.845	0.013	0.317	0.0518	0B	4
5	0B	0B	0B	0 B	2.70E	0.828	0.954	0.752	0.022	0.358	0.0388	0B	5
6	0B	0B	0B	0 B	3.80E	0.789	0.985	0.805	0.073	0.353	0.0298	0B	6
7	0B	0B	0B	0 B	4.80E	0.802	0.859	0.459	0.317	0.348	0.0288	0B	7
8	0B	0B	0B	0 B	5.00E	0.826	0.841	0.409	0.382	0.331	0.0308	0B	8
9	0B	0B	0B	0 B	5.05E	0.994	0.815	0.333	0.335	0.313	0.0288	0B	9
10	0B	0B	0B	0 B	7.28E	1.10	0.674	0.285	0.312	0.2378	0.0298	0B	10
11	0B	0B	0B	0 B	6.30E	1.37	0.519	0.234	0.288	0.2478	0.0298	0B	11
12	0B	0B	0B	0 B	5.50E	1.45	0.418	0.178	0.278	0.2568	0.0268	0B	12
13	0B	0B	0B	0 B	4.85E	1.33	0.358	0.145	0.251	0.2198	0.0218	0B	13
14	0B	0B	0B	0 B	4.50A	1.18	0.298	0.120	0.261	0.1958	0.0138	0B	14
15	0B	0B	0B	0 B	4.13	0.990	0.232	0.118	0.234	0.1738	0.0108	0B	15
16	0B	0B	0B	0 B	3.84	0.858	0.208	0.108	0.229	0.1508	0.0118	0B	16
17	0B	0B	0B	0.0018	3.59	0.778	0.172	0.085	0.275	0.1608	0.0128	0B	17
18	0B	0B	0B	0.0028	3.33	0.772	0.171	0.074	0.250	0.1858	0.0128	0B	18
19	0B	0B	0B	0.0038	3.01	2.23	0.152	0.089	0.219	0.1428	0.0088	0B	19
20	0B	0B	0B	0.0078	2.86	2.71	0.149	0.083	0.205	0.1298	0.0068	0B	20
21	0B	0B	0B	0.0178	2.84	2.22	0.241	0.054	0.207	0.1138	0.0038	0B	21
22	0B	0B	0B	0.0248	2.34	1.78	0.328	0.044	0.217	0.0998	0.0028	0B	22
23	0B	0B	0B	0.0448	2.25	1.43	0.350	0.036	0.208	0.0808	0.0018	0B	23
24	0B	0B	0B	0.0928	2.25	1.18	0.281	0.029	0.187	0.0818	0.0018	0B	24
25	0B	0B	0B	0.3408	2.12	0.995	0.242	0.024	0.170	0.0848	0 B	0B	25
26	0B	0B	0B	0.5808	1.95	0.812	0.322	0.020	0.167	0.0888	0 B	0B	26
27	0B	0B	0B	1.32 B	1.75	0.683	0.781	0.017	0.186	0.0748	0 B	0B	27
28	0B	0B	0B	2.80 B	1.58	0.579	0.683	0.024	0.1428	0.0778	0 B	0B	28
29	0B		0B	4.03 B	1.43	0.492	1.01	0.020	0.1538	0.0698	0 B	0B	29
30	0B		0B	3.85 B	1.33	0.441	0.870	0.017	0.1758	0.0628	0 B	0B	30
31	0B		0B		1.22		0.768	0.015		0.0638		0B	31
TOTAL	0	0	0	13.210	107.85	33.386	15.854	7.302	5.788	5.496	0.552	0	TOTAL
MEAN	0	0	0	0.440	3.48	1.11	0.511	0.236	0.192	0.177	0.018	0	MEAN
MAX	0	0	0	4.03	8.05	2.71	1.01	0.845	0.382	0.356	0.058	0	MAX
MIN	0	0	0	0	1.22	0.441	0.149	0.015	0.008	0.082	0	0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.519
MAXIMUM DAILY, 8.05E ON MAY 9
MINIMUM DAILY, 0B ON JAN 1

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 53 36 N
LONG 123 18 09 W
DRAINAGE AREA, 273 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	0	JUL	1 370
FEB	0	AUG	831
MAR	0	SEP	488
APR	1 140	OCT	476
MAY	9 320	NOV	47 7
JUN	2 890	DEC	0

TOTAL DISCHARGE, 16 400 dam³

RATCHFORD CREEK AT 600 m CONTOUR - STATION NO. 08LE086

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.07B	1.20B	3.28E	3.51	16.0E	58.3	31.8	13.0 E	7.83	2.85E	15.0 E	2.30	1
2	1.05B	1.15B	3.10E	3.65E	16.3E	39.8	33.3	11.9 E	16.8	2.79E	11.1 E	2.15B	2
3	1.08B	1.12B	2.90E	3.70E	17.8E	34.8	33.8	10.0 E	26.5	2.70E	12.1 A	2.12B	3
4	1.08B	1.11B	2.80E	3.80E	18.3E	29.8	30.7	8.80E	19.8 A	2.80E	19.8	2.13B	4
5	1.12B	1.09B	2.73E	3.55E	17.0E	28.0	31.6	8.80E	12.8 E	2.75E	12.2	2.15B	5
6	1.13B	1.11B	2.62E	4.20E	18.0E	29.8	31.7	8.80E	8.50E	2.68E	9.67	2.18B	6
7	1.14B	1.13B	2.60E	5.00E	21.0E	36.7	29.5	8.00E	8.70E	2.60E	7.84	2.10	7
8	1.15B	1.17B	2.72E	5.60E	19.0E	36.4	29.5	7.20E	8.20E	2.52E	7.03	2.03	8
9	1.17B	1.21B	3.20E	5.20E	16.0E	33.0	28.2	7.60E	7.20E	2.43E	6.10	2.05B	9
10	1.16B	1.29E	4.60E	4.70E	14.5E	32.6	28.6	8.00E	6.70E	2.35E	5.50	2.03B	10
11	1.18B	1.40E	6.80E	4.20E	13.0E	27.3	74.4	8.30E	7.40E	2.32E	5.07	2.01B	11
12	1.19B	1.57E	7.00E	3.90E	13.0A	21.2	132 A	8.10E	8.00E	2.27E	5.78	2.05	12
13	1.19B	1.80E	6.80E	3.50E	17.2	21.0	84.4A	7.40E	7.20E	2.21E	5.27	2.02	13
14	1.18B	2.00E	5.50E	3.60E	18.7	25.7	48.0E	7.40E	8.15E	2.25E	4.86	2.03	14
15	1.16B	2.03E	5.10E	3.80E	18.8	29.3	37.0E	7.00E	7.10E	2.30E	5.81	2.03	15
16	1.15B	1.98E	4.87A	4.10E	20.6	29.8	29.0E	6.00E	7.05E	2.28E	6.81	1.94	16
17	1.16B	2.05E	3.51	4.60E	20.7	44.0	23.0E	5.20E	6.80E	2.21E	6.75	1.86B	17
18	1.16B	2.17E	3.40	5.80E	20.0	37.2	19.2E	4.90E	5.80E	2.23E	7.76	1.78B	18
19	1.17B	2.29E	3.31	6.20E	17.5	34.6	18.0E	4.60E	5.10E	2.50E	7.12	1.85B	19
20	1.16B	2.37E	3.22	11.3 A	16.3	37.6	16.8E	4.30E	4.75E	2.70E	6.92	1.88B	20
21	1.16B	2.48A	3.09	12.3 E	24.8	28.8	18.0E	4.05E	4.50E	3.60E	6.08	1.90B	21
22	1.15B	2.46E	2.86	14.3 A	25.4	23.3	16.5E	3.80E	4.20E	5.20E	4.57	1.88B	22
23	1.14B	2.50E	2.84	14.0 E	33.1	27.4	15.4E	3.68A	4.00E	6.00E	4.21	1.83B	23
24	1.13B	2.70E	3.35	15.0 E	37.7	30.9	15.0E	4.04	3.90E	4.80E	3.86	1.82B	24
25	1.17B	5.10E	3.28	16.0 E	42.5	25.6	14.4E	4.25	3.85E	4.20E	3.75	1.83B	25
26	1.23B	4.40E	3.23	16.0 E	37.5	21.6	17.5E	4.39	3.80E	3.85E	3.59	1.88B	26
27	1.27B	3.80E	3.30	14.3 E	37.9	22.7	16.3E	4.30	3.95E	3.80E	3.51	1.86B	27
28	1.33B	3.50E	3.29	13.8 E	46.2	26.7	14.3E	6.18	3.50E	3.80E	3.27	1.81B	28
29	1.32B		3.29	13.7 E	56.2	29.8	12.8E	5.74	3.20E	5.10E	2.88	1.82B	29
30	1.30B		3.47	13.9 E	48.3	44.0	12.1E	7.23	3.00E	5.40E	2.84	1.88B	30
31	1.27B		3.53		52.1		11.8E	6.89		19.0 E		1.57B	31
TOTAL	38.32	59.18	114.60	240.81	793.9	946.4	948.7	211.65	230.27	121.42	208.87	58.24	TOTAL
MEAN	1.17	2.11	3.70	8.03	25.6	31.5	30.6	6.83	7.68	3.92	6.99	1.81	MEAN
MAX	1.33	5.10	7.00	16.0	56.2	58.3	132	13.0	26.5	19.0	19.8	2.30	MAX
MIN	1.05	1.09	2.60	3.50	13.0	21.0	11.8	3.68	3.00	2.21	2.84	1.41	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 10.8
MAXIMUM DAILY, 132A ON JUL 12
MINIMUM DAILY, 1.05B ON JAN 2

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 21 54 N
LONG 116 48 33 W
DRAINAGE AREA, 253 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 140	JUL	82 000
FEB	5 110	AUG	18 300
MAR	9 900	SEP	19 900
APR	20 800	OCT	10 900
MAY	56 800	NOV	18 100
JUN	81 800	DEC	4 880

TOTAL DISCHARGE, 343 000 dam³

REDFISH CREEK NEAR HARROP - STATION NO. 08NJ061

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.165	0.165	0.218	0.236	0.807	5.22	2.35	0.526	0.220	0.157	0.561	0.233	1
2	0.163	0.157	0.218	0.240	0.887	6.02	2.81	0.481	0.434	0.155	0.510	0.2328	2
3	0.162	0.148	0.245	0.234	0.852	5.92	2.26	0.443	0.312	0.151	1.77	0.2318	3
4	0.163	0.155	0.258	0.229	0.840	4.65	2.09	0.401	0.295	0.154	2.16	0.226	4
5	0.159	0.174	0.250	0.235	0.851	4.13	2.11	0.368	0.315	0.144	1.22	0.223	5
6	0.171	0.154	0.240	0.247	1.00	4.24	2.74	0.362	0.258	0.141	0.987	0.217	6
7	0.181	0.152	0.235	0.260	1.07	5.14	2.33	0.325	0.251	0.133	0.822	0.214	7
8	0.221	0.148	0.398	0.269	0.962	5.78	2.10	0.311	0.240	0.130	0.705	0.215	8
9	0.221	0.144	0.394	0.256	0.848	5.27	1.70	0.295	0.288	0.128	0.630	0.216	9
10	0.272	0.144	0.578	0.253	0.818	5.75	1.42	0.350	0.305	0.125	0.577	0.219	10
11	0.278	0.147	0.522	0.248	0.847	4.08	1.52	0.382	0.401	0.122	0.580	0.214	11
12	0.249	0.202	0.424	0.241	0.845	3.12	2.82	0.525	0.361	0.124	0.584	0.203	12
13	0.224	0.215	0.367	0.234	0.905	2.92	4.47	0.347	0.323	0.121	0.520	0.203	13
14	0.208	0.195	0.346	0.234	0.934	3.27	3.14	0.313	0.320	0.123	0.480	0.195	14
15	0.198	0.180	0.326	0.242	0.986	4.41	2.48	0.285	0.287	0.126	0.485	0.186	15
16	0.189	0.179	0.310	0.260	1.12	3.35	2.08	0.284	0.277	0.121	0.519	0.179	16
17	0.184	0.190	0.298	0.284	1.30	3.45	1.76	0.268	0.263	0.129	0.500	0.172	17
18	0.176	0.214	0.285	0.362	1.47	4.01	1.51	0.237	0.250	0.132	0.455	0.173	18
19	0.170	0.198	0.273	0.428	1.33	2.82	1.33	0.223	0.237	0.132	0.411	0.173	19
20	0.164	0.201	0.263	0.512	1.80	2.58	1.32	0.213	0.229	0.143	0.377	0.1718	20
21	0.159	0.208	0.253	0.619	2.08	2.36	1.22	0.205	0.225	0.139	0.353	0.1688	21
22	0.158	0.196	0.250	0.712	2.40	2.28	1.02	0.195	0.215	0.501	0.343	0.1678	22
23	0.161	0.200	0.247	1.04	2.67	2.66	0.911	0.191	0.208	0.282	0.334	0.1608	23
24	0.162	0.221	0.240	1.70	3.69	2.89	0.836	0.240	0.196	0.225	0.323	0.1548	24
25	0.159	0.243	0.236	1.39	4.50	2.47	0.971	0.248	0.188	0.212	0.322	0.1528	25
26	0.154	0.229	0.232	1.03	4.70	2.34	1.05	0.309	0.184	0.201	0.310	0.1568	26
27	0.220	0.223	0.237	0.887	4.92	2.45	0.815	0.258	0.184	0.195	0.300	0.1578	27
28	0.219	0.218	0.232	0.787	5.66	2.64	0.785	0.285	0.172	0.184	0.273	0.1548	28
29	0.194		0.234	0.787	6.54	2.72	0.878	0.243	0.168	0.181	0.282	0.1528	29
30	0.181		0.248	0.787	7.62	2.84	0.613	0.231	0.162	0.279	0.248	0.1538	30
31	0.173		0.244		8.70		0.568	0.205		0.728		0.1548	31
TOTAL	5.934	5.204	8.968	15.207	72.103	112.72	53.585	9.510	7.788	5.817	17.907	5.827	TOTAL
MEAN	0.191	0.186	0.289	0.507	2.33	3.76	1.73	0.307	0.260	0.188	0.597	0.188	MEAN
MAX	0.284	0.243	0.578	1.70	7.62	6.22	4.47	0.526	0.434	0.728	2.16	0.233	MAX
MIN	0.154	0.144	0.218	0.229	0.807	2.28	0.568	0.191	0.162	0.121	0.248	0.152	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.878
MAXIMUM DAILY, 7.62 ON MAY 30
MINIMUM DAILY, 0.121 ON OCT 13
MAXIMUM INSTANTANEOUS,
8.84 AT 17:45 PST ON MAY 29

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 37 20 N
LONG 117 03 15 W
DRAINAGE AREA, 28.2 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	513	JUL	4 630
FEB	450	AUG	822
MAR	775	SEP	673
APR	1 310	OCT	503
MAY	6 230	NOV	1 550
JUN	9 740	DEC	503

TOTAL DISCHARGE, 27 700 dam³

RICHMOND LANDFILL OUTFALL - STATION NO. 08MH148

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.075	0.085	0.112E	0.101	0.044	0.023	0.023	0.020	0.017	0.011	0.002	0.118	1
2	0.083	0.072	0.118	0.088	0.044	0.024	0.022	0.013	0.024	0.018	0.008	0.119	2
3	0.085	0.088	0.126	0.085A	0.044	0.023	0.021	0.013	0.020	0.017	0.030	0.117	3
4	0.084	0.078	0.118	0.084E	0.043	0.023	0.018	0.015	0.005	0.014	0.058	0.120	4
5	0.110E	0.092	0.114	0.083A	0.044	0.022	0.018	0.022	0.003	0.009	0.082	0.118	5
6	0.080	0.098	0.113	0.088	0.028	0.022	0.018	0.014	0.003	0.003	0.092	0.114	6
7	0.088	0.072	0.108	0.080	0.030	0.025	0.017	0.013	0.012	0.002	0.085	0.104	7
8	0.092	0.022	0.078	0.091	0.036	0.035	0.016	0.011	0.032	0.002	0.018	0.078	8
9	0.102	0.051	0.067	0.088	0.023	0.041	0.017	0.012	0.018	0.002	0.074	0.041	9
10	0.111	0.058	0.078	0.085	0.018	0.039	0.021	0.015	0.026	0.002	0.107	0.080	10
11	0.088	0.088	0.089	0.082	0.018	0.038	0.032	0.013	0.022	0.002	0.108	0.084	11
12	0.093	0.097	0.111	0.088	0.026	0.035	0.021	0.012	0.015	0.002	0.106	0.094	12
13	0.098	0.109	0.115	0.083	0.037	0.035	0.010	0.012	0.018	0.002	0.103	0.097	13
14	0.095	0.099	0.112	0.085	0.039	0.038	0.011	0.012	0.015	0.001	0.124	0.098	14
15	0.101	0.087	0.107	0.054	0.027	0.035	0.013	0.011	0.014	0.001	0.148	0.093	15
16	0.100	0.079	0.106	0.047	0.025	0.037	0.013	0.015	0.013	0.001	0.119	0.087	16
17	0.086	0.089	0.103	0.041	0.025	0.038	0.014	0.013	0.013	0.001	0.135	0.086	17
18	0.085	0.079	0.102	0.018	0.023	0.025	0.020	0.011	0.013	0.001	0.132	0.081	18
19	0.115E	0.110E	0.100	0.046	0.023	0.020	0.028	0.011	0.011	0.002	0.080E	0.075	19
20	0.105	0.125E	0.098	0.084	0.023	0.019	0.028	0.010	0.010	0.002	0.004	0.073A	20
21	0.104	0.130E	0.097	0.081	0.022	0.024	0.026	0.010	0.012	0.002	0.038	0.071E	21
22	0.101	0.121E	0.088	0.052	0.022	0.030	0.022	0.010	0.013	0.002	0.039	0.070E	22
23	0.098	0.122E	0.094	0.051	0.022	0.038	0.022	0.009	0.012	0.002	0.038	0.070E	23
24	0.091	0.140E	0.092	0.056	0.023	0.023	0.021	0.009	0.008	0.002	0.081	0.075E	24
25	0.092	0.140E	0.090	0.055	0.014	0.028	0.022	0.012	0.008	0.005	0.109	0.081A	25
26	0.092	0.125E	0.089	0.057	0.015	0.022	0.023	0.013	0.013	0.004	0.118	0.085	26
27	0.081	0.117E	0.086	0.052	0.021	0.026	0.025	0.010	0.015	0.003	0.130	0.075	27
28	0.078	0.114E	0.090	0.050	0.022	0.015	0.022	0.013	0.014	0.001	0.128	0.074	28
29	0.087		0.096	0.047	0.022	0.023	0.020	0.015	0.012	0.002	0.124	0.076	29
30	0.100		0.094	0.045	0.023	0.022	0.020	0.010	0.010	0.002	0.130	0.088	30
31	0.097		0.096		0.021		0.020	0.017		0.003		0.093	31
TOTAL	3.039	2.839	3.109	2.070	0.848	0.845	0.618	0.387	0.417	0.121	2.508	2.733	TOTAL
MEAN	0.098	0.094	0.100	0.069	0.027	0.028	0.020	0.013	0.014	0.004	0.084	0.088	MEAN
MAX	0.115	0.140	0.126	0.101	0.044	0.041	0.032	0.022	0.032	0.017	0.148	0.120	MAX
MIN	0.078	0.022	0.067	0.018	0.014	0.015	0.010	0.009	0.003	0.001	0.002	0.041	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.053
MAXIMUM DAILY, 0.148 ON NOV 15
MINIMUM DAILY, 0.001 ON OCT 14
MAXIMUM INSTANTANEOUS,
0.235E AT 10:25 PST ON NOV 10

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 09 45 N
LONG 123 02 40 W

A - MANUAL GAUGE

E - ESTIMATES
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	234	JUL	93.4
FEB	226	AUG	34.3
MAR	288	SEP	38.6
APR	179	OCT	10.5
MAY	73.1	NOV	217
JUN	73.0	DEC	236

TOTAL DISCHARGE, 1 550 dam³

ROBERTS CREEK AT ROBERTS CREEK - STATION NO. 08GA047

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.750E	1.05	1.58	4.51	0.878	0.295	0.213	0.252	0.350	0.138	0.970	---	1
2	1.23	0.862	1.17	3.56	0.780	0.267	0.645	0.237	5.80	0.135	1.33	---	2
3	2.08	0.727	0.958	2.30	0.674	0.289	0.494	0.247	3.05	0.125	4.03	---	3
4	1.86	0.623	0.890	1.63	0.621	0.289	0.289	0.247	1.11	0.132	3.32	---	4
5	3.06	0.589	0.694	1.24	0.579	0.257	0.237	0.179	0.825	0.132	1.92	---	5
6	3.03	0.614	0.645	1.08	0.544	0.228	0.195	0.184	0.536	0.128	2.85	---	6
7	2.38	0.748	0.621	0.970	0.621	0.223	0.178	0.138	0.440	0.122	2.18	---	7
8	1.88	0.716	4.00	0.848	0.527	0.223	0.184	0.128	0.369	0.119	1.77	---	8
9	7.17	0.687	12.2	0.726	0.494	0.228	0.145	0.122	0.242	0.116	1.49	---	9
10	16.7	2.38	5.97	0.791	0.544	0.324	0.145	0.113	0.278	0.113	1.75	---	10
11	3.88	5.87	4.13	0.958	0.780	0.330	0.358	0.121	0.908	0.110	2.30	---	11
12	5.87	19.3	2.40	0.780	0.780	0.273	2.48	0.128	0.884	0.110	4.51	---	12
13	3.70	9.30	3.46	0.791	0.736	0.262	1.91	0.119	0.579	0.107	4.51	---	13
14	1.86	4.51	5.56	0.786	0.715	0.218	1.17	0.107	0.418	0.107	6.60	---	14
15	1.51	4.19	2.92	0.791	0.855	0.223	1.18	0.101	0.343	0.108	18.2	---	15
16	1.39	4.19	2.05	0.791	0.588	0.884	0.738	0.089	0.312	0.108	---	---	16
17	1.30	9.30	1.43	0.814	0.494	0.884	0.484	0.096	0.289	0.149	---	---	17
18	2.28	6.18	1.17	0.880	0.544	0.674E	0.363	0.093	0.242	0.171	---	---	18
19	3.96	3.56	0.958	0.842	0.510	0.884	0.253	0.091	0.223	0.156	---	---	19
20	3.00	6.18	0.791	0.896	0.502	0.674	0.177	0.088	0.175	0.835	---	---	20
21	1.68	4.48	0.715	0.908	0.616	0.382	0.304	0.086	0.167	0.425	---	---	21
22	1.43	3.56	0.802	0.715	0.582	0.295	0.242	0.083	0.156	2.66	---	---	22
23	1.53	5.56	1.07	0.884	0.544	2.28	0.213	0.081	0.148	1.33	---	---	23
24	1.77	4.41	0.964	2.52	0.527	0.958	0.171	0.079	0.135	0.582	---	---	24
25	1.94	3.08	0.791	1.72	0.455	[illegible]	0.160	0.078	0.135	0.418	---	---	25
26	3.88	3.24	0.664	2.73	0.395	0.674	0.295	0.077	0.132	0.389	---	---	26
27	3.88	2.48	0.964	1.58	0.369	0.383	0.618	0.077	0.242	0.895	---	---	27
28	3.39	1.76	1.10	1.33	0.289	0.295	0.566	0.148	0.156	0.837	---	---	28
29	2.16		4.35	1.17	0.324	0.257	[illegible]	0.874	0.148	0.791	---	---	29
30	1.70		3.72	1.08	0.382	0.218	0.[illegible]	0.421	0.138	1.33	---	---	30
31	1.44		3.24		0.343		0.324	0.265		1.97			31
TOTAL	94.210	110.128	72.077	40.381	17.373	14.021	15.658	4.981	19.728	14.625	---	---	TOTAL
MEAN	3.04	3.93	2.33	1.35	0.560	0.467	0.505	0.160	0.658	0.472	---	---	MEAN
MAX	16.7	19.3	12.2	4.51	0.878	2.28	2.48	0.[illegible]74	5.80	2.66	---	---	MAX
MIN	0.750	0.589	0.621	0.684	0.289	0.218	0.145	0.077	0.132	0.108	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 19.3 ON FEB 12

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 25 15 N
LONG 123 [illegible] 20 W
DRAINAGE AREA, [illegible] km²

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	8 140	JUL	1 350
FEB	9 510	AUG	429
MAR	6 230	SEP	1 700
APR	3 490	OCT	1 260
MAY	1 500	NOV	---
JUN	1 210	DEC	---

ROBERTSON CREEK NEAR THE MOUTH - STATION NO. 08LF093

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.048B	0.042B	0.045A	0.062	0.021	0.181	0.189	0.137	0.100	0.107	0.048	0.042B	1
2	0.048B	0.042B	0.044E	0.059	0.020	0.180	0.213	0.134	0.118	0.107	0.047	0.041B	2
3	0.048B	0.042B	0.044E	0.063	0.023	0.189	0.208	0.115	0.114	0.105	0.043	0.041B	3
4	0.047B	0.042B	0.044E	0.067	0.025	0.188	0.208	0.118	0.118	0.105	0.047	0.040B	4
5	0.047B	0.040B	0.044E	0.080	0.025	0.185	0.202	0.118	0.118	0.095	0.043	0.040B	5
6	0.048B	0.040B	0.048E	0.053	0.029	0.187	0.187	0.118	0.118	0.088	0.040	0.039B	6
7	0.048B	0.040B	0.048E	0.060	0.035	0.185	0.194	0.118	0.121	0.088	0.038	0.039B	7
8	0.048B	0.040B	0.050E	0.054	0.043	0.181	0.194	0.132	0.112	0.088	0.044	0.039B	8
9	0.048B	0.040B	0.050E	0.049	0.041	0.188	0.194	0.113	0.112	0.090	0.035	0.039B	9
10	0.049B	0.040B	0.050E	0.062	0.048	0.180	0.193	0.108	0.118	0.095	0.037	0.039B	10
11	0.050B	0.042E	0.048E	0.055	0.064	0.180	0.187	0.108	0.114	0.095	0.046	0.040B	11
12	0.050B	0.042E	0.048E	0.053	0.065	0.177	0.188	0.108	0.128	0.087	0.042	0.040B	12
13	0.049B	0.044E	0.048E	0.053	0.069	0.173	0.174	0.108	0.122	0.091	0.039	0.040B	13
14	0.048B	0.048E	0.048E	0.040	0.087	0.174	0.174	0.112	0.120	0.080	0.043	0.040B	14
15	0.048B	0.048E	0.045A	0.038	0.100	0.180	0.172	0.113	0.117	0.092	0.038	0.040B	15
16	0.048B	0.048E	0.043	0.045	0.116	0.188	0.178	0.108	0.115	0.092	0.038	0.039B	16
17	0.048B	0.048E	0.045	0.045	0.113	0.185	0.180	0.094	0.116	0.087	0.037	0.039B	17
18	0.048B	0.048E	0.048	0.041	0.115	0.188	0.173	0.087	0.118	0.089	0.043	0.039B	18
19	0.048B	0.048E	0.048	0.041	0.123	0.189	0.175	0.081	0.126	0.078	0.044	0.039B	19
20	0.047B	0.048E	0.055	0.040	0.128	0.182	0.184	0.072	0.121	0.073	0.048	0.038B	20
21	0.047B	0.048E	0.078	0.033	0.133	0.188	0.184	0.081	0.115	0.087	0.043	0.038B	21
22	0.048B	0.050E	0.080	0.031	0.146	0.171	0.181	0.087	0.114	0.085	0.041B	0.039B	22
23	0.044B	0.050E	0.085	0.028	0.148	0.171	0.157	0.080	0.118	0.084	0.041B	0.039B	23
24	0.042B	0.052E	0.087	0.031	0.163	0.189	0.145	0.080	0.123	0.088	0.041B	0.040B	24
25	0.040B	0.052E	0.084	0.028	0.168	0.180	0.154	0.084	0.126	0.085	0.040B	0.040B	25
26	0.040B	0.050E	0.100	0.023	0.184	0.188	0.147	0.084	0.130	0.083	0.040B	0.041B	26
27	0.042B	0.050E	0.093	0.030	0.176	0.212	0.142	0.088	0.125	0.083	0.041B	0.041B	27
28	0.043B	0.049A	0.080	0.033	0.171	0.201	0.138	0.080	0.121	0.042	0.041B	0.042B	28
29	0.043B		0.074	0.028	0.178	0.207	0.142	0.095	0.418	0.052	0.042B	0.042B	29
30	0.043B		0.068	0.024	0.171	0.200	0.134	0.098	0.109	0.048		0.043B	30
31	0.042B		0.058		0.174		0.131	0.098		0.048		0.043B	31
TOTAL	1.430	1.265	1.843	1.318	3.062	5.368	5.390	3.003	3.536	2.507	1.249	1.243	TOTAL
MEAN	0.048	0.045	0.059	0.044	0.099	0.179	0.174	0.097	0.118	0.081	0.042	0.040	MEAN
MAX	0.050	0.052	0.100	0.067	0.178	0.212	0.213	0.137	0.130	0.107	0.048	0.043	MAX
MIN	0.040	0.040	0.043	0.023	0.020	0.168	0.131	0.080	0.100	0.042	0.035	0.039	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.086
MAXIMUM DAILY, 0.213 ON JUL 2
MINIMUM DAILY, 0.020 ON MAY 2
MAXIMUM INSTANTANEOUS,
0.226 AT 19:04 PST ON JUN 26

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 50 43 N
LONG 121 32 33 W
DRAINAGE AREA, 44.8 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	124	JUL	466
FEB	109	AUG	359
MAR	155	SEP	306
APR	114	OCT	217
MAY	268	NOV	108
JUN	464	DEC	107

TOTAL DISCHARGE, 2 700 dam³

ROCK CREEK NEAR ROCK CREEK - STATION NO. 08NN007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	1.76	8.49	9.64	2.46	1.04	0.775	---	---	---	1
2	---	---	---	2.04	9.51	9.28	3.34	1.04	0.504	---	---	---	2
3	---	---	---	2.04	9.64	8.74	3.34	1.04	0.905	---	---	---	3
4	---	---	---	2.04	8.74	7.84	3.34	1.04	0.775	---	---	---	4
5	---	---	---	2.14	9.64	6.96	2.13	1.04	0.775	---	---	---	5
6	---	---	---	2.24	9.64	6.11	2.13	1.04	0.714	---	---	---	6
7	---	---	---	3.75	11.5	5.78	2.46	0.970	0.714	---	---	---	7
8	---	---	---	3.12	10.6	6.11	2.24	0.970	0.714	---	---	---	8
9	---	---	---	2.88	7.84	5.30	3.08	0.931	0.714	---	---	---	9
10	---	---	---	2.88	7.48	6.11	2.46	0.970	0.714	---	---	---	10
11	---	---	---	2.55	6.96	5.94	2.02	1.91	0.840	---	---	---	11
12	---	---	---	2.24	6.11	4.82	2.02	1.91	0.775	---	---	---	12
13	---	---	---	2.44	6.11	4.50	2.02	1.43	0.905	---	---	---	13
14	---	---	---	2.55	6.96	3.76	2.02	1.04	0.714	---	---	---	14
15	---	---	---	2.55	7.84	6.11	2.02	1.04	0.660	---	---	---	15
16	---	---	---	2.55	6.96	6.11	2.02	0.970	0.714	---	---	---	16
17	---	---	---	2.55	7.84	5.94	2.02	0.970	0.660	---	---	---	17
18	---	---	---	3.75	6.96	4.35	1.81	0.970	0.714	---	---	---	18
19	---	---	---	5.14	6.96	3.76	1.91	0.905	0.660	---	---	---	19
20	---	---	---	5.14	6.96	3.08	1.91	0.775	0.660	---	---	---	20
21	---	---	---	5.90	7.84	3.08	1.91	0.775	0.660	---	---	---	21
22	---	---	---	6.38	8.74	3.08	1.71	0.775	0.660	---	---	---	22
23	---	---	---	7.51	8.74	2.58	1.43	0.775	0.660	---	---	---	23
24	---	---	---	11.4	8.74	3.08	1.43	0.775	0.660	---	---	---	24
25	---	---	---	11.5	8.74	2.70	1.81	0.714	0.660	---	---	---	25
26	---	---	---	9.89	8.92	2.58	1.91	0.775	0.513	---	---	---	26
27	---	---	---	9.82	9.64	2.50	1.43	0.775	0.513	---	---	---	27
28	---	---	---	7.27	9.64	2.46	1.43	0.905	0.513	---	---	---	28
29	---		---	7.38	11.9	2.46	1.43	0.775	0.513	---	---	---	29
30	---		---	8.37	9.64	2.46	1.43	0.775	0.513	---	---	---	30
31	---		1.72		9.64		1.34	0.840	0.513	---	---	---	31
			1.74E				1.04	0.775					
TOTAL	---	---	---	141.57	264.92	147.22	63.42	30.880	20.971	---	---	---	TOTAL
MEAN	---	---	---	4.72	8.55	4.91	2.05	0.989	0.699	---	---	---	MEAN
MAX	---	---	---	11.5	11.9	9.64	3.34	1.91	0.905	---	---	---	MAX
MIN	---	---	---	1.76	6.11	2.46	1.04	0.714	0.504	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 11.9 ON MAY 29

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 03 20 N
LONG 118 59 58 W
DRAINAGE AREA, 280 km²

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	5 480
FEB	---	AUG	2 650
MAR	---	SEP	1 810
APR	12 200	OCT	---
MAY	22 900	NOV	---
JUN	12 700	DEC	---

ROE LAKE ON PENDER ISLAND - STATION NO. 08HA058

DAILY WATER LEVEL IN METRES FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	3.490	---	---	---	---	---	---	---	---	---	2
3	---	---	3.490	---	---	3.100	---	---	---	---	---	---	3
4	---	3.050	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	2.790	---	---	---	---	---	2.990	---	---	---	---	---	6
7	---	---	---	---	---	3.090	---	---	---	---	---	---	7
8	---	---	3.490	---	---	---	---	---	---	---	---	---	8
9	---	3.080	---	---	---	---	---	---	---	---	---	---	9
10	2.950	---	---	---	3.280	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	2.900	---	---	---	---	---	11
12	2.980	---	---	---	3.250	---	---	---	---	---	---	---	12
13	---	---	3.490	---	---	3.050	---	---	---	---	---	---	13
14	---	3.170	---	---	---	---	2.900	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	2.990	3.230	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	3.370	---	---	---	---	---	---	---	---	18
19	---	---	---	---	3.200	---	---	---	---	---	---	---	19
20	---	---	---	---	---	3.000	---	---	---	---	---	---	20
21	---	3.370	---	---	---	---	---	---	---	---	---	---	21
22	---	3.440	---	3.350	---	---	---	---	---	---	---	---	22
23	---	3.480	3.480	---	---	---	---	---	---	---	---	---	23
24	3.010	3.500	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	3.190	---	---	---	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	3.050	---	---	---	---	---	---	---	---	---	---	---	27
28	---	3.490	3.480	---	---	2.980	---	---	---	---	---	---	28
29	---		---	3.300	---	---	---	---	---	---	---	---	29
30	---		---	---	---	---	---	---	---	---	---	---	30
31	---		---		---		---	---	---	---	---	---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - MANUAL
LOCATION - LAT 48 46 52 N
LONG 123 18 10 W
DATA CONTRIBUTED BY -
BRITISH COLUMBIA MINISTRY OF ENVIRONMENT

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

NATURAL FLOW

ROSS RESERVOIR NEAR NEWHALEM - STATION NO. 08PA005

DAILY WATER LEVEL IN METRES FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	327.787	324.728	318.729	313.450	311.734	324.505	334.100	335.990	335.789	332.988	331.211	331.427	1
2	327.589	324.453	318.543	313.304	311.686	325.170	334.305	335.978	335.785	333.015	331.272	331.305	2
3	327.395	324.200	318.316	313.173	312.152	325.715	334.500	335.984	335.731	332.887	331.619	331.188	3
4	327.242	323.951	318.088	313.048	312.377	326.163	334.827	335.911	335.685	332.808	331.949	331.065	4
5	327.178	323.533	317.906	312.892	312.530	326.556	334.823	335.835	335.849	332.686	332.031	330.927	5
6	327.023	323.285	317.806	312.728	312.752	326.932	334.957	335.835	335.566	332.558	332.159	330.793	6
7	326.959	322.984	317.535	312.524	312.906	327.355	335.027	335.856	336.539	332.430	332.220	330.659	7
8	326.971	322.606	317.282	312.310	313.066	327.661	335.024	335.829	335.478	332.363	332.262	330.604	8
9	326.977	322.204	317.288	311.996	313.145	328.355	335.045	335.896	335.280	332.367	332.272	330.585	9
10	327.282	321.986	317.303	311.743	313.234	328.885	335.073	335.978	335.198	332.308	332.302	330.492	10
11	327.465	321.728	317.391	311.451	313.127	329.294	335.167	335.978	335.259	332.223	332.378	330.476	11
12	327.550	321.533	317.349	311.181	313.121	328.571	335.749	335.896	335.182	332.134	332.484	330.400	12
13	327.471	321.338	317.242	310.872	313.194	329.816	336.024	335.847	335.030	332.048	332.481	330.348	13
14	327.373	321.110	317.090	310.570	313.374	330.037	336.033	335.853	334.880	331.948	332.503	330.280	14
15	327.318	320.848	317.001	310.177	313.569	330.388	335.957	335.847	334.725	331.918	332.886	330.120	15
16	327.261	320.586	316.897	310.038	313.569	330.693	335.980	335.838	334.588	331.836	332.802	329.976	16
17	327.157	320.372	316.754	309.884	313.728	331.135	335.869	335.801	334.576	331.906	332.629	329.881	17
18	327.041	320.211	316.638	309.838	313.907	331.837	335.957	335.758	334.545	331.839	332.787	329.855	18
19	326.818	320.095	316.538	309.738	314.108	331.846	335.911	335.752	334.411	331.760	332.795	329.708	19
20	326.611	319.962	316.468	309.738	314.418	332.037	335.938	335.743	334.280	331.723	332.826	329.440	20
21	326.477	319.824	316.287	309.835	315.005	332.185	335.932	335.819	334.153	331.674	332.732	329.126	21
22	326.401	319.689	316.062	309.984	315.897	332.363	335.935	335.838	334.039	331.692	332.628	328.852	22
23	326.404	319.592	315.895	310.269	316.422	332.522	335.938	335.795	333.872	331.714	332.612	328.606	23
24	326.278	319.510	315.748	310.661	317.218	332.686	335.917	335.755	333.774	331.674	332.354	328.287	24
25	326.133	319.418	315.586	310.805	317.809	332.893	335.858	335.725	333.680	331.534	332.263	328.199	25
26	326.023	319.338	315.489	310.988	318.540	333.118	335.798	335.724	333.578	331.485	332.177	328.014	26
27	325.913	319.205	315.258	311.131	318.196	333.308	335.780	335.734	333.463	331.386	332.107	327.834	27
28	325.724	318.937	314.770	311.195	320.147	333.508	335.795	335.804	333.344	331.238	331.933	327.614	28
29	325.472		314.398	311.280	321.357	333.738	335.832	335.813	333.171	331.132	331.788	327.492	29
30	325.279		314.099	311.527	322.658	333.930	335.285	335.819	333.048	331.163	331.840	327.416	30
31	326.106		313.731		323.731		335.969	335.788		331.187		327.331	31
MEAN	326.763	321.324	316.626	311.279	315.154	330.137	335.508	335.839	334.642	331.988	332.257	329.620	MEAN
MAX	327.787	324.728	318.729	313.450	323.731	333.930	336.033	335.990	335.789	333.015	332.829	331.427	MAX
MIN	325.106	318.937	313.731	309.738	311.734	324.505	334.100	335.725	333.048	331.132	331.211	327.331	MIN

SUMMARY FOR THE YEAR 1983

WATER LEVELS IN METRES

MEAN, 326.803
MAXIMUM DAILY, 336.033 ON JUL 14
MINIMUM DAILY, 309.738 ON APR 19

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 43 56 N
LONG 121 04 02 W

REGULATED SINCE 1940

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 152.400 m ADJUSTMENT TO CONVERT TO CITY OF SEATTLE ROSS DAM DATUM

RUSTY CREEK NEAR THE MOUTH - STATION NO. 08MB030

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.005E	0.010E	0.036	0.027E	0.017	0.012	0.014E	---	---	1
2	---	---	---	0.005	0.008	0.028	0.031E	0.017	0.012	0.014E	---	---	2
3	---	---	---	0.005E	0.006	0.026	0.034E	0.017	0.012E	0.013	---	---	3
4	---	---	---	0.005	0.005	0.026	0.037E	0.017	0.012E	---	---	---	4
5	---	---	---	0.005E	0.013	0.021E	0.041	0.017	0.012	---	---	---	5
6	---	---	---	0.005E	0.014	0.018E	0.037	0.015E	0.012	---	---	---	6
7	---	---	---	0.005E	0.015E	0.011	0.035	0.013	0.012	---	---	---	7
8	---	---	---	0.005	0.017E	0.011	0.032	0.013	0.012	---	---	---	8
9	---	---	---	0.005E	0.018	0.011	0.031E	0.014	0.013	---	---	---	9
10	---	---	---	0.005E	0.019	0.011	0.030E	0.014	0.013E	---	---	---	10
11	---	---	---	0.005	0.024	0.010	0.028E	0.015	0.013	---	---	---	11
12	---	---	---	0.005E	0.023	0.009E	0.029	0.017	0.012	---	---	---	12
13	---	---	---	0.005	0.023	0.008E	0.028	0.014	0.012	---	---	---	13
14	---	---	---	0.005	0.025E	0.008	0.027	0.014E	0.012	---	---	---	14
15	---	---	---	0.005E	0.027	0.008	0.028	0.014	0.011	---	---	---	15
16	---	---	---	0.005	0.044	0.011	0.028	0.014	0.011	---	---	---	16
17	---	---	---	0.005	0.037	0.011	0.028E	0.014E	0.011E	---	---	---	17
18	---	---	---	0.005	0.028	0.011E	0.027	0.014	0.011E	---	---	---	18
19	---	---	---	0.005	0.033	0.011	0.027	0.014E	0.011	---	---	---	19
20	---	---	---	0.005	0.040E	0.024	0.028	0.013	0.011	---	---	---	20
21	---	---	---	0.005	0.048E	0.022	0.027	0.013E	0.011	---	---	---	21
22	---	---	---	0.005	0.053	0.021	0.024	0.012	0.012	---	---	---	22
23	---	---	0.005	0.006	0.051E	0.022	0.020	0.012	0.015	---	---	---	23
24	---	---	0.005E	0.008	0.048	0.022E	0.020E	0.012	0.015	---	---	---	24
25	---	---	0.005E	0.009	0.048	0.021E	0.021	0.011	0.015	---	---	---	25
26	---	---	0.005E	0.009	0.051	0.021E	0.019	0.011	0.015	---	---	---	26
27	---	---	0.005E	0.013	0.053	0.021	0.021	0.011E	0.014	---	---	---	27
28	---	---	0.005E	0.013	0.056	0.021	0.019	0.012	0.015	---	---	---	28
29	---		0.005E	0.012E	0.054E	0.021	0.019	0.012E	0.015	---	---	---	29
30	---		0.005E	0.011E	0.053E	0.024E	0.018E	0.012	0.015	---	---	---	30
31	---		0.005E		0.051		0.018E	0.012		---		---	31
TOTAL	---	---	---	0.190	0.984	0.525	0.840	0.427	0.379	---	---	---	TOTAL
MEAN	---	---	---	0.006	0.032	0.018	0.027	0.014	0.013	---	---	---	MEAN
MAX	---	---	---	0.013	0.056	0.036	0.041	0.017	0.015	---	---	---	MAX
MIN	---	---	---	0.005	0.008	0.008	0.018	0.011	0.011	---	---	---	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 0.056 ON MAY 28

TYPE OF GAUGE - MANUAL
LOCATION - LAT 50 41 48 N
LONG 121 48 44 W

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	72.6
FEB	---	AUG	36.9
MAR	---	SEP	32.7
APR	18.4	OCT	---
MAY	85.0	NOV	---
JUN	45.4	DEC	---

SALLOOMT RIVER NEAR HAGENSBORG - STATION NO. 08F8004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.35E	2.42	3.03	2.29	11.2	19.3	8.40	5.86	5.98	4.50	7.93	2.43	1
2	2.29E	2.32	2.89	2.30	10.4	20.5	7.53	7.20	6.35	4.26	7.07	2.358	2
3	2.20E	2.23	2.76	2.28	10.4	14.6	7.50	8.00	7.55	5.35	7.81	2.308	3
4	2.15E	2.19	2.68	2.32	10.5	11.8	7.74	6.82	8.82	5.93	8.26	2.228	4
5	2.31E	2.09	2.52	2.47	9.69	16.5	8.01	6.16	6.62	4.85	7.36	2.158	5
6	2.42E	2.05	2.43	3.10	9.77	23.1	7.30	6.03	19.0	4.26	6.49	2.098	6
7	2.50E	2.08	2.39	3.53	9.26	18.8	6.71	5.98	12.1	3.90	6.12	2.038	7
8	2.70E	2.03	2.35	3.21	7.54	16.4	6.30	6.18	7.90	4.02	5.54	1.988	8
9	2.67E	2.05	2.71	2.88	6.86	17.6	6.11	6.52	8.37	4.90	5.14	1.928	9
10	4.00E	2.02	2.74	2.73	8.55	16.7	8.51	6.88	8.18	4.72	4.79	1.948	10
11	8.30E	2.48	2.75	2.60	7.22	13.0	14.1	6.52	6.39	4.51	4.83	1.978	11
12	8.20E	3.23	2.74	2.63	8.33	11.8	13.5	8.00	6.97	4.57	4.80	1.978	12
13	8.63A	3.15	2.70	2.47	9.84	10.7	14.2	5.64	12.0	4.45	4.32	1.988	13
14	6.83	3.18	2.72	2.41	11.1	9.85	12.4	5.18	8.70	4.14	4.09	1.938	14
15	5.85	3.20	2.79	2.57	8.73	10.8	10.4	4.82	7.81	3.74	4.56	1.818	15
16	4.84	2.97	2.82	2.82	8.71	10.3	9.53	5.81	10.6	4.10	5.30	1.888	16
17	4.27	2.97	2.78	3.01	10.6	9.83	9.72	8.32	8.39	5.86	4.50	1.878	17
18	4.02	3.21	2.78	4.00	11.57	9.46	9.74	6.31	6.80	4.87	4.52	1.858	18
19	4.06	3.12	2.85	5.08	11.3	8.24	9.35	4.98	5.85	5.88	4.19	1.838	19
20	4.15	3.01	2.82	4.54	19.2	7.85	9.01	5.03	5.15	5.42	3.91	1.818	20
21	3.99	2.90	2.83	4.28	16.1	7.47	8.48	4.42	5.04	5.28	3.72	1.798	21
22	3.80	2.88	2.71	4.22	14.9	8.75	7.47	4.33	4.88	4.64	3.81	1.788	22
23	3.23	3.22	2.82	5.37	16.6	11.6	7.05	4.43	4.80	7.77	3.40	1.758	23
24	2.92	4.31	2.58	8.39	16.6	14.4	7.24	4.27	4.84	7.37	3.31	1.758	24
25	2.89	4.03	2.45	11.2	15.9	16.0	8.25	4.04	5.28	18.4	3.18	1.808	25
26	2.80E	3.62	2.39	10.4	13.7	12.3	7.23	4.01	17.2	27.2	3.15	1.888	26
27	2.75E	3.40	2.35	8.50	12.6	11.1	6.01	4.07	8.90	15.5	3.13	1.838	27
28	2.70	3.22	2.36	9.49	15.8	10.3	7.28	4.22	8.70	11.0	2.97	1.818	28
29	2.67		2.30	12.1	21.6	9.74	6.82	4.11	5.61	8.43	2.83	1.798	29
30	2.58		2.30	12.8	21.7	9.38	6.62	4.33	4.91	10.4	2.55	1.778	30
31	2.51		2.32		19.6		6.77	4.29		9.85		1.778	31
TOTAL	119.28	79.58	81.42	145.89	383.49	387.07	267.18	168.32	232.79	223.75	143.37	80.05	TOTAL
MEAN	3.85	2.84	2.63	4.86	12.4	12.9	8.62	5.43	7.76	7.22	4.78	1.94	MEAN
MAX	8.30	4.31	3.03	12.8	21.7	23.1	14.2	8.00	19.0	27.2	8.26	2.43	MAX
MIN	2.15	2.02	2.30	2.29	6.86	7.47	6.11	4.01	4.84	3.74	2.55	1.78	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.28
MAXIMUM DAILY, 27.2 ON OCT 26
MINIMUM DAILY, 1.758 ON DEC 23
MAXIMUM INSTANTANEOUS,
42.5 AT 23:27 PST ON OCT 25

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 25 27 N
LONG 126 31 10 W
DRAINAGE AREA, 181 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	10 300	JUL	23 100
FEB	6 880	AUG	14 500
MAR	7 030	SEP	20 100
APR	12 600	OCT	19 300
MAY	33 100	NOV	12 400
JUN	33 400	DEC	6 190

TOTAL DISCHARGE, 198 000 dam³

SALMO RIVER NEAR SALMO - STATION NO. 08NE074

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	10.6E	13.7	26.6E	31.2	84.4	197	85.5	26.7	18.5	8.81	25.3	20.9	1
2	10.7E	13.3	29.0E	31.7	85.8	215	72.4	25.0	18.3	9.67	24.3	21.7	2
3	10.7E	12.5	36.0E	31.0	89.2	193	70.1	23.3	17.7	9.59	87.4	21.8	3
4	10.6E	11.6	36.0E	30.4	87.4	159	61.3	21.9	17.1	9.81	144	20.1	4
5	10.9E	11.3E	35.0E	30.3	91.1	137	58.6	20.7	16.7	8.76	81.4	20.1	5
6	10.7E	11.3E	32.6E	30.8	96.3	128	80.4	19.6	15.8	9.37	63.8	19.7	6
7	11.0E	11.1E	32.9E	34.1	106	135	57.0	18.6	15.1	9.15	53.2	18.8	7
8	12.3E	11.0E	37.0E	35.7	103	143	53.2	17.9	14.3	9.02	46.3	18.5	8
9	11.8E	11.0E	46.6A	35.1	89.4	145	48.1	17.2	14.2	8.86	42.2	18.2	9
10	13.0E	10.6E	64.2	34.5	80.2	148	43.7	17.8	14.3	8.91	39.0	18.1	10
11	12.6E	10.7E	68.3	32.7	77.0	131	41.6	18.5	16.3	8.73	42.8	17.2	11
12	12.4E	10.6E	61.6	31.1	76.0	109	47.5	22.9	15.8	8.59	42.2	16.6	12
13	12.1E	10.6E	57.1	30.2	76.0	86.5	71.1	18.6	14.6	8.64	40.6	15.6	13
14	11.6E	20.1E	53.6	29.7	82.1	67.1	57.4	17.0	14.4	8.43	38.8	15.3	14
15	11.6E	20.0E	48.7	30.2	85.4	110	63.2	16.8	13.7	8.37	40.0	14.8	15
16	11.9E	19.9E	45.0	32.1	82.2	101	78.0	14.9	13.3	8.30	41.0	14.3	16
17	12.1E	20.7E	42.6	35.2	101	88.2	68.5	14.2	13.1	8.62	44.1	13.8B	17
18	11.8E	21.9E	39.6	40.7	110	88.3	58.2	13.5	12.8	8.84	44.0	13.6B	18
19	11.8E	21.6E	37.5	45.0	108	75.8	53.2	13.1	12.6	8.87	41.5	13.5B	19
20	11.7E	20.6E	36.9	46.1	112	67.6	53.7	12.6	12.7	9.06	38.1	13.2B	20
21	11.7A	20.6E	33.7	46.7	148	60.9	51.2	12.2	12.3	8.75	36.3	12.9B	21
22	11.6	20.4E	32.6	75.5	158	56.5	44.9	11.9	11.9	16.6	34.1	12.7B	22
23	11.6	21.0E	32.1	89.6	176	78.6	41.5	12.0	11.7	19.2	32.2	12.2B	23
24	11.5	33.6E	31.9	143	203	68.5	38.6	27.6	11.1	13.8	31.0	11.6B	24
25	11.5	38.4E	31.3	186	226	75.4	39.5	22.1	10.9	12.2	30.0	11.3B	25
26	11.7	38.0E	30.7	131	234	87.5	40.5	25.1	10.7	11.7	28.0	11.2B	26
27	14.5	37.3E	30.6	100	233	87.0	36.5	23.9	10.4	11.3	27.0	11.4B	27
28	16.2	26.4E	30.7	86.9	236	86.0	33.7	21.7	10.2	11.0	25.6	11.3B	28
29	14.6		30.9	80.2	255	84.5	32.3	20.2	10.1	10.8	24.6	11.4B	29
30	14.4		31.7	80.9	267	72.4	28.5	18.3	10.0	11.3	23.3	11.6B	30
31	14.1		31.6		231		27.5	17.0		21.6		11.3B	31
TOTAL	376.1	507.3	1 212.6	1 694.6	4 211.5	3 231.7	1 857.2	583.1	406.1	326.85	1 283.3	476.3	TOTAL
MEAN	12.1	18.1	39.1	56.5	136	108	59.5	18.8	13.8	10.6	43.1	15.3	MEAN
MAX	16.2	38.4	68.3	186	267	215	97.4	27.6	18.3	21.6	144	21.8	MAX
MIN	10.7	10.7	26.6	29.7	76.0	56.5	27.5	11.9	10.0	8.30	23.3	11.3	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 43.8
MAXIMUM DAILY, 267 ON MAY 30
MINIMUM DAILY, 8.30 ON OCT 16
MAXIMUM INSTANTANEOUS,
284 AT 01:48 PST ON MAY 30

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 04 07 N
LONG 117 18 37 W
DRAINAGE AREA, 1 230 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	32 500	JUL	143 000
FEB	43 800	AUG	80 400
MAR	105 000	SEP	35 300
APR	146 000	OCT	28 400
MAY	364 000	NOV	112 000
JUN	279 000	DEC	41 100

TOTAL DISCHARGE, 1 380 000 dam³

SALMON RIVER ABOVE CAMPBELL LAKE DIVERSION - STATION NO 08HB015

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.63	---	---	---	27.1	---	10.8	3.56	1.95	1.37	0.81	5.48	1
2	4.55	---	---	---	24.2	---	15.4	3.95	1.68	1.19	21.2	5.56	2
3	4.80	---	---	---	22.3	---	11.8	3.76	1.64	1.22	33.2	4.56	3
4	5.08	---	---	---	18.8A	---	9.65	3.19	1.31	1.05	33.8	4.34	4
5	6.39	---	---	---	---	---	8.06	2.73	1.21	1.56	24.7	3.94	5
6	7.06	---	---	---	---	---	8.01	2.67	2.71	1.38	26.6	3.27	6
7	7.23	---	---	---	---	---	8.12	2.30	2.46	1.26	25.2	3.11	7
8	35.2	---	---	---	---	---	8.53	2.34	2.05	1.19	17.8	3.56	8
9	36.8	---	---	---	---	---	8.25	2.53	2.15	1.15	14.6	3.80	9
10	36.1	---	---	---	---	---	8.70	2.06	4.36	1.14	29.8	3.11	10
11	63.8	---	---	---	---	---	45.2	1.82	10.6	1.08	118	3.67	11
12	76.1	---	---	---	---	---	40.5	1.64	6.85	1.07	60.6	4.24	12
13	49.2	---	---	---	---	---	22.5	1.72	4.80	1.01	48.6	7.23	13
14	25.6	---	---	---	---	---	18.7	1.65	3.53	0.981	52.2	6.05	14
15	17.1	---	---	---	---	---	13.8	1.54	2.93	0.946	137	6.12	15
16	13.2 A	---	---	---	---	---	10.8	1.43	2.53	0.975	73.7	4.95	16
17	---	---	---	---	---	---	8.11	1.33	2.27	1.05	53.5	3.96	17
18	---	---	---	---	---	---	8.94	1.32	2.53	1.62	41.4	3.84	18
19	---	---	---	---	---	---	8.25	1.27	2.96	4.55	28.4	3.87	19
20	---	---	---	18.1B	---	---	9.89	1.35	3.17	15.9	21.0	3.708	20
21	---	---	---	15.8	---	---	8.90	1.17	1.83	51.5	16.3	3.683	21
22	---	---	---	12.9	---	---	5.89	1.11	1.65	57.3	12.6	3.588	22
23	---	---	---	13.9	---	---	5.34	1.08	1.67	20.6	10.2	3.348	23
24	---	---	---	20.9	---	---	5.11	1.04	1.38	13.7	14.1	3.038	24
25	---	---	---	22.4	---	---	4.82	1.04	1.28	27.4	12.7	2.856	25
26	---	---	---	18.8	---	---	4.49	0.981	1.56	138	12.2	2.628	26
27	---	---	---	16.6	---	---	5.92	0.957	2.19	83.7	13.0	3.460	27
28	---	---	---	16.0	---	---	5.18	1.35	1.83	26.1	9.95	3.418	28
29	---	---	---	22.9	---	11.7A	4.40	2.14	1.55	15.6	8.08	3.702	29
30	---	---	---	26.4	---	12.1	3.96	2.05	1.36	12.5	8.87	3.906	30
31	---	---	---	---	---	---	3.77	1.70	---	11.2	---	6.576	31
TOTAL	---	---	---	---	---	---	341.53	59.220	81.04	425.516	886.23	139.99	TOTAL
MEAN	---	---	---	---	---	---	11.0	1.88	2.70	13.7	32.9	4.10	MEAN
MAX	---	---	---	---	---	---	45.2	2.76	10.6	138	137	8.08	MAX
MIN	---	---	---	---	---	---	3.77	0.957	1.21	0.946	8.87	2.41	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 0.946 ON OCT 15

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 05 30 N
LONG 125 49 20 W
DRAINAGE AREA, 268 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	29 500
FEB	---	AUG	6 030
MAR	---	SEP	7 000
APR	---	OCT	61 900
MAY	---	NOV	85 600
JUN	---	DEC	11 000

SALMON RIVER ABOVE MENEKAY RIVER - STATION NO 08HB007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	9.26	10.2	8.45	12.0	4.11	3.01	4.76	3.11	2.71	2.36	6.07	6.58	1
2	7.36	9.07	7.20	11.6	4.10	2.93	4.64	3.27	2.72	2.30	13.1	5.29	2
3	9.26	7.86	6.22	9.93	4.22	2.85	4.30	3.43	2.65	2.29	17.7	4.61	3
4	14.5	7.05	5.36	8.38	4.13	2.74	4.29	3.24	2.48	2.39	18.0	4.30	4
5	13.8	6.45	4.66	7.22	4.06	2.75	4.56	3.09	2.38	2.46	11.7	4.24	5
6	11.4	6.00	4.46	6.64	4.09	2.75	4.17	2.97	2.77	2.44	21.2	4.05	6
7	21.4	5.61	4.20	5.80	4.18	2.85	4.23	2.84	3.06	2.24	18.2	3.90	7
8	48.6	5.66	21.2	5.36	4.23	2.80	4.09	2.75	3.36	2.27	11.6	3.81	8
9	19.4	5.04	158	5.03	4.18	3.06	3.83	2.65	3.12	2.20	9.61	3.81	9
10	27.2	6.84	91.7	5.02	4.00	5.24	3.87	2.59	4.80E	2.18	12.9 A	3.86	10
11	82.2	102	29.7	5.01	3.88	2.74	18.1	2.82	10.0 A	2.12	117 B	4.12	11
12	69.8	176	24.5	4.61	3.83	2.60	26.6	2.46	6.88	2.07	86.6 B	5.25	12
13	53.8	198	41.9	4.61	3.78	2.56	11.0	2.50	4.80	2.04	35.1 A	10.5	13
14	20.3	91.8	30.0	4.39	3.80	2.29	8.49	2.45	4.03	2.02	48.6	8.93	14
15	13.8	56.6	22.1	4.23	3.72	2.32	7.18	2.45	3.73	1.95	186	6.81	15
16	11.2	47.6	12.7	4.12	3.62	2.27	6.48	2.43	3.68	1.96	113	5.35	16
17	10.1	83.2	10.9	4.09	3.80	2.80	4.68	2.36	3.34	2.50E	77.2	4.47	17
18	61.1	46.2	8.85	4.17	3.65	3.70	4.13	2.45	3.25	2.70E	60.5	4.23	18
19	52.1	22.6	7.35	4.19	3.65	2.84	3.88	2.42	3.29	4.10E	50.6	4.06	19
20	21.5	23.6	6.80	4.27	3.68	2.84	3.83	2.30	3.18	10.7	39.6	3.808	20
21	12.4	17.0	6.82	4.24	3.46	2.45	3.84	2.27	2.87	35.5	31.8	3.768	21
22	9.85	27.5	6.43	4.10	3.36	2.31	3.61	2.16	2.79	96.4	16.4	3.708	22
23	8.03	23.0	6.25	4.04	3.36	2.78	3.61	2.19	2.66	11.3	8.89	3.659	23
24	16.8	27.2	6.90	4.22	3.35	3.38	3.32	2.17	2.58	8.89	17.9	3.600	24
25	26.0	17.4	6.12	4.58	3.36	4.34	3.61	2.18	2.47	11.8	16.9	3.459	25
26	41.6	16.2	4.74	4.88	3.25	4.31	3.45	2.12	2.52	194	17.1	3.400	26
27	80.6	12.7	4.65	5.26	3.20	3.86	3.68	2.08	2.83	78.2	26.9	3.600	27
28	23.7	10.2	4.62	4.37	3.23	3.86	3.66	2.18	2.85	20.6	12.6	3.709	28
29	15.6		4.35	4.25	3.40	4.33	3.68	2.99	3.06	11.1	9.22	3.559	29
30	12.3		15.0	4.16	4.42	4.88	3.39	3.06	3.50	8.33	7.66	4.958	30
31	10.0		14.4		3.11		3.23	3.90		7.18		11.0 B	31
TOTAL	870.12	1 010.05	556.51	185.22	115.58	93.27	178.78	80.88	103.20	888.48	1 085.93	168.03	TOTAL
MEAN	28.3	36.4	18.0	6.51	3.73	3.08	5.87	2.80	3.46	16.1	35.2	4.78	MEAN
MAX	82.2	102	158	12.0	4.42	5.24	35.5	3.43	10.0	194	186	11.0	MAX
MIN	8.34	5.04	4.46	4.04	3.11	2.27	3.23	2.04	2.38	1.95	6.07	2.55	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 12.3
MAXIMUM DAILY, 198 ON NOV 13
MINIMUM DAILY, 1.95 ON OCT 16
MAXIMUM INSTANTANEOUS,
355 AT 10:00 PST ON FEB 11

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 11 56 N
LONG 125 44 45 W
DRAINAGE AREA, 446 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	73 000	JUL	15 200
FEB	68 100	AUG	6 970
MAR	46 100	SEP	8 630
APR	14 200	OCT	60 500
MAY	9 600	NOV	81 200
JUN	7 970	DEC	12 600

TOTAL DISCHARGE, 420 000 dam³

SALMON RIVER ABOVE SALMON LAKE - STATION NO. 08LE075

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.104B	0.145B	0.180	0.278	3.14	6.87	0.905	0.477	0.306	0.353	0.306	0.265B	1
2	0.107B	0.144B	0.133	0.265	3.57	5.75	1.00	0.436	0.580	0.358	0.376	0.240B	2
3	0.112B	0.139B	0.131	0.253	4.04	4.85	0.997	0.405	0.585	0.355	0.400	0.219B	3
4	0.106B	0.121B	0.127	0.255B	3.80	3.62	0.902	0.377	0.590	0.353	0.469	0.200B	4
5	0.111B	0.117B	0.120B	0.256	3.64	3.15	0.826	0.360	0.708	0.344	0.461	0.202B	5
6	0.108B	0.120B	0.115B	0.265	3.55	2.63	0.756	0.342	0.594	0.335	0.419	0.202B	6
7	0.118B	0.130B	0.108	0.306	3.78	2.77	0.811	0.321	0.535	0.330	0.363	0.200B	7
8	0.117B	0.140B	0.115	0.336	3.43	2.59	0.772	0.309	0.502	0.314	0.381	0.220B	8
9	0.120B	0.140B	0.311	0.317	3.00	2.46	0.818	0.367	0.484	0.310	0.357	0.220B	9
10	0.128B	0.145B	0.405	0.306	2.73	2.24	0.716	0.426	0.518	0.311	0.358	0.226B	10
11	0.135B	0.170B	0.402	0.293	2.44	2.05	0.677	0.608	0.596	0.307	0.367	0.221B	11
12	0.150B	0.210B	0.502	0.276	2.31	1.95	0.683	0.489	0.636	0.298	0.361	0.236B	12
13	0.170B	0.160B	0.330	0.339	2.30	1.79	0.681	0.444	0.573	0.353	0.340	0.250B	13
14	0.180B	0.129B	0.285	0.269	2.35	1.81	0.782	0.374	0.522	0.324	0.338	0.230B	14
15	0.165B	0.122B	0.274	0.292	2.65	1.82	0.760	0.336	0.502	0.341	0.361	0.210B	15
16	0.140B	0.116B	0.260B	0.326	3.10	1.80	0.721	0.304	0.491	0.306	0.407	0.163B	16
17	0.136B	0.108B	0.252B	0.376	2.48	1.60	0.747	0.269	0.522	0.317	0.438	0.162B	17
18	0.136B	0.100B	0.250B	0.473	2.30	1.57	0.892	0.275	0.531	0.367	0.400	0.154B	18
19	0.129B	0.085B	0.245B	0.590	2.90	1.38	0.656	0.258	0.498	0.320	0.374	0.150B	19
20	0.141B	0.086	0.245B	0.733	3.05	1.44	0.650	0.235	0.472	0.336	0.372	0.108B	20
21	0.140B	0.083	0.245B	0.961	5.06	1.70	0.608	0.225	0.483	0.326	0.367	0.112B	21
22	0.139B	0.086	0.240B	1.16	5.52	1.41	0.566	0.216	0.508	0.354	0.222	0.116B	22
23	0.135B	0.142	0.235B	1.36	6.18	1.33	0.535	0.206	0.497	0.354	0.230B	0.107B	23
24	0.130B	0.371	0.233B	2.23	7.16	1.33	0.578	0.210	0.461	0.317	0.245B	0.112B	24
25	0.136B	0.375	0.235B	3.17	6.27	1.20	0.598	0.376	0.432	0.317	0.270B	0.130B	25
26	0.156B	0.320	0.235B	3.00	7.61	1.13	0.617	0.405	0.416	0.326	0.327	0.156B	26
27	0.200B	0.176	0.240B	2.75	7.30	1.06	0.571	0.311	0.401	0.336	0.370	0.163B	27
28	0.244B	0.150	0.242B	2.60	7.87	0.977	0.567	0.293	0.383	0.315	0.306	0.121B	28
29	0.160B		0.261	2.51	8.72	0.956	0.517	0.275	0.371	0.302	0.252B	0.170B	29
30	0.150B		0.243	2.66	8.70	0.963	0.481	0.263	0.383	0.288	0.223B	0.191B	30
31	0.144B		0.253		8.01		0.472	0.260		0.313		0.202B	31
TOTAL	4.376	4.271	7.402	29.426	142.86	66.106	21.701	10.460	15.564	10.150	10.449	5.667	TOTAL
MEAN	0.141	0.153	0.239	0.981	4.60	2.20	0.700	0.337	0.519	0.327	0.348	0.183	MEAN
MAX	0.244	0.375	0.502	3.17	8.72	6.87	1.00	0.608	0.680	0.364	0.469	0.265	MAX
MIN	0.104	0.083	0.108	0.253	2.30	0.956	0.472	0.204	0.306	0.293	0.222	0.107	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.899
MAXIMUM DAILY, 8.72 ON MAY 29
MINIMUM DAILY, 0.083 ON FEB 21
MAXIMUM INSTANTANEOUS,
8.76 AT 03:00 PST ON MAY 30

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 17 00 N
LONG 119 56 12 W
DRAINAGE AREA, 143 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	378	JUL	1 870
FEB	369	AUG	904
MAR	640	SEP	1 340
APR	2 540	OCT	877
MAY	12 300	NOV	903
JUN	5 710	DEC	490

TOTAL DISCHARGE, 28 300 dam³

SALMON RIVER AT 72 AVENUE, LANGLEY - STATION NO. 08MH090

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.486	1.51	1.51	2.46	0.496	0.284	0.300E	0.166	0.630	0.210	1.26	1.31	1
2	0.750	1.36	1.46	5.01	0.469	0.349	0.543E	0.165	0.664	0.214	2.67	1.12	2
3	2.45	1.28	1.28	2.33	0.456	0.318	0.274A	0.171	0.456	0.248	5.46	1.03	3
4	8.46	1.20	1.15	1.38	0.436	0.296	0.238	0.154	0.390	0.247	5.63	0.977	4
5	10.2	1.15	1.06	1.03	0.415	0.266	0.222	0.153	0.326	0.231	3.61	0.861	5
6	5.07	1.23	1.11	0.867	0.413	0.267	0.223	0.160	0.314	0.221	2.96	0.826	6
7	8.69	1.73	1.21	0.756	0.566	0.281	0.220	0.136	0.306	0.216	2.50	0.679	7
8	11.1	1.52	1.76	0.689	1.74	0.270	0.219	0.131	0.287	0.213	1.63	1.17	8
9	8.04	2.65	4.44	0.693	2.12	0.285	0.206	0.128	0.281	0.207	1.38	1.53	9
10	14.1	2.39	3.76	1.89	1.60	0.313	0.211	0.161	0.429	0.203	1.66	1.02	10
11	4.73	4.38	4.00	1.26	0.820	0.275	1.10	0.184	0.442	0.294	2.55	1.69	11
12	3.61	5.56	2.27	1.09	0.672	0.265	3.66	0.157	0.369	0.202	1.99	2.19	12
13	2.53	3.93	2.47	0.901	0.565	0.257	3.75	0.146	0.314	0.200	3.24	6.18	13
14	2.05	2.67	2.18	0.881	0.528	0.262	2.66	0.127	0.284	0.201	6.16	2.72	14
15	1.76	2.26	1.54	0.798	0.616	0.276	1.64	0.126	0.260	0.208	10.9	1.76	15
16	1.62	3.36	1.34	0.726	0.601	0.286	0.882	0.141	0.263	0.205	10.1	1.32	16
17	1.63	6.11	1.06	0.703	0.543	0.551	0.832	0.184	0.265	0.253	7.57	1.06	17
18	1.74	3.52	0.932	0.673	0.526	0.421	0.400	0.189	0.292	0.232	5.10	0.946	18
19	2.28	4.41	0.842	0.639	0.464	0.343	0.376	0.179	0.266	0.235	4.03	0.874B	19
20	2.25	6.95	0.776	0.634	0.431	0.305	0.340	0.172	0.254	0.285	6.66	0.800B	20
21	1.77	3.14	0.734	0.633	0.382	0.287A	0.331	0.169	0.246	0.386	3.46	0.745B	21
22	1.52	5.26	0.946	0.568	0.360	0.343E	0.278	0.184	0.232	1.80	1.68	0.700B	22
23	1.48	4.49	0.628	0.580	0.330	0.543E	0.261	0.185	0.233	0.714	1.71	0.653B	23
24	1.81	8.35	0.721	0.606	0.300	0.343E	0.220	0.180	0.227	0.456	6.57	0.630B	24
25	2.33	3.26	0.614	0.652	0.270	0.726E	0.203	0.187	0.224	0.428	7.36	0.625B	25
26	2.90	2.36	0.554	1.43	0.277	0.326E	0.189	0.165	0.272	0.361	5.22	0.710B	26
27	3.46	2.06	0.539	0.998	0.270	0.306E	0.215	0.170	0.271	0.524	6.24	0.725B	27
28	2.38	1.67	0.687	0.733	0.263	0.290E	0.208	0.211	0.236	0.461	3.08	0.720B	28
29	1.73		3.37	0.606	0.251	0.274E	0.187	0.228	0.225	0.367	2.06	0.700B	29
30	1.86		2.63	0.536	0.253	0.287E	0.181	0.239	0.217	2.13	1.63	0.660B	30
31	1.78		2.49		0.265		0.177	0.185		2.54		0.620B	31
TOTAL	110.376	86.85	50.252	34.627	17.572	9.506	20.944	5.122	9.487	14.427	124.01	36.640	TOTAL
MEAN	3.56	3.11	1.62	1.15	0.567	0.317	0.676	0.165	0.316	0.465	4.13	1.18	MEAN
MAX	14.1	6.95	4.44	5.01	2.12	0.551	3.66	0.229	0.664	2.54	10.9	6.18	MAX
MIN	0.486	1.15	0.536	0.526	0.251	0.257	0.177	0.126	0.217	0.200	1.26	0.626	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.43
MAXIMUM DAILY, 14.1 ON JAN 10
MINIMUM DAILY, 0.126 ON AUG 15
MAXIMUM INSTANTANEOUS,
20.9 AT 23:50 PST ON JAN 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 08 02 N
LONG 122 36 40 W
DRAINAGE AREA, 40.0 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	9 540	JUL	1 810
FEB	7 510	AUG	443
MAR	4 340	SEP	820
APR	3 010	OCT	1 250
MAY	1 520	NOV	10 700
JUN	821	DEC	3 160

TOTAL DISCHARGE, 44 900 dam³

SALMON RIVER AT FALKLAND - STATION NO. 08LE020

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.960B	1.24	1.72	2.16	15.8	18.8	3.52	1.86	1.30	1.41	1.88	1.91	1
2	1.05 B	1.160	1.36	2.20	16.2	16.9	3.60	1.67	2.61	1.40	1.78	1.30 B	2
3	1.02 B	1.060	1.86	2.15	18.8	15.4	3.77	1.53	1.80	1.29	1.88	1.37 B	3
4	1.03 B	1.030	1.62	2.12	20.1	13.8	3.46	1.45	1.62	1.44	1.58	1.30 B	4
5	1.11	1.020	1.53	2.18	18.9	12.1	3.15	1.39	1.65	1.41	1.80	1.34 B	5
6	1.11	1.060	1.61	2.39	18.6	10.6	3.06	1.35	1.54	1.61	1.85	1.25 B	6
7	1.08	1.17	1.67	2.71	18.9	9.41	3.08	1.31	1.62	1.40	1.76	1.24 B	7
8	1.15	1.22	1.65	2.85	19.4	8.20	2.94	1.27	1.33	1.38	1.68	1.25 B	8
9	1.14	1.21	2.06	3.52	18.3	7.30	3.35	1.28	1.35	1.40	1.65	1.30 B	9
10	1.20	1.20	2.74	3.03	17.2	6.90	2.94	1.33	1.63	1.36	1.68	1.38 B	10
11	1.31	1.48	2.83	2.82	16.0	6.29	2.91	1.48	1.70	1.36	1.81	1.38 B	11
12	1.61	1.88	2.70	2.61	15.2	6.67	3.17	1.47	1.67	1.30	1.77	1.40	12
13	1.32	1.67	2.63	2.71	15.2	6.21	3.06	1.33	1.56	1.36	1.73	1.53	13
14	1.19	1.45	2.48	2.68	14.9	4.78	2.53	1.25	1.48	1.47	1.87	1.51	14
15	1.02 B	1.46	2.30	2.63	15.3	4.60	3.40	1.20	1.42	1.61	1.87	1.51	15
16	0.980B	1.46	2.18	3.08	16.0	4.77	3.20	1.18	1.40	1.49	2.26	1.48 B	16
17	1.10 B	1.63	2.17	3.44	16.3	5.36	3.02	1.16	1.48	1.44	2.50	1.29 B	17
18	1.14	1.61	2.10	4.33	16.5	5.18	2.77	1.14	1.50	1.67	2.42	1.03 B	18
19	1.16	1.55	2.04	5.30	16.6	5.88	2.58	1.11	1.40	1.46	2.28	1.00 B	19
20	1.16	1.49	2.02	6.37	17.5	6.04	2.53	1.10	1.44	1.49	2.29	0.770B	20
21	1.16	1.37	2.04	8.15	18.1	5.67	2.40	1.08	1.45	1.53	2.18	0.740B	21
22	1.16	1.43	2.05	9.68	18.1	5.16	2.22	1.08	1.44	1.61	3.06	0.750B	22
23	1.07 B	1.61	2.00	11.0	19.5	4.66	2.03	1.04	1.43	1.57	3.03	0.750B	23
24	1.11 B	1.81	1.88	13.5	20.7	5.72	1.87	1.05	1.40	1.48	3.03	0.703B	24
25	1.17	2.05	1.87	16.6	21.7	5.15	2.37	1.13	1.40	1.48	3.13	0.800B	25
26	1.84	1.81	1.98	15.7	21.8	4.80	2.53	1.10	1.38	1.63	2.86	1.02 B	26
27	2.12	2.02	2.07	15.4	21.7	4.28	2.16	1.11	1.37	1.63	2.17	1.02 B	27
28	1.81	1.61	2.16	15.5	21.6	3.89	1.85	1.12	1.36	1.61	2.07	0.900B	28
29	1.31		2.19	15.9	21.2	3.88	1.85	1.12	1.35	1.49	1.81	1.10 B	29
30	1.23		2.22	16.4	20.8	2.71	1.71	1.12	1.40	1.60	1.68	1.26 B	30
31	1.23		2.15		19.9		1.66	1.08		1.55		1.32 B	31
TOTAL	37.510	41.18	64.15	197.47	576.7	219.48	86.63	38.88	45.08	46.24	58.83	36.292	TOTAL
MEAN	1.21	1.47	2.07	6.58	18.6	7.32	2.79	1.25	1.50	1.49	1.96	1.17	MEAN
MAX	2.12	2.05	2.83	16.4	21.8	18.8	3.65	1.88	2.61	1.67	3.50	1.53	MAX
MIN	0.960	1.02	1.53	2.12	14.9	3.88	1.66	1.06	1.30	1.36	1.58	0.703	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.96
MAXIMUM DAILY, 21.8 ON MAY 26
MINIMUM DAILY, 0.703B ON DEC 24
MAXIMUM INSTANTANEOUS,
22.7 AT 22:00 PST ON MAY 24

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 29 55 N
LONG 119 33 30 W
DRAINAGE AREA, 1 000 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	3 240	JUL	7 480
FEB	3 560	AUG	3 360
MAR	5 540	SEP	3 980
APR	17 100	OCT	3 990
MAY	49 800	NOV	5 080
JUN	19 000	DEC	3 140

TOTAL DISCHARGE, 125 000 dam³

SALMON RIVER NEAR PRINCE GEORGE - STATION NO. 08KC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	9.800	8.000	5.400	15.00	128	26.3	22.9	24.1	5.93	5.77	10.3	9.800	1
2	9.700	7.900	5.200	17.00	118	26.0	22.4	20.6	5.86	5.75	10.8	9.900	2
3	9.650	7.800	5.000	18.50	110	23.2	22.0	20.5	5.86	5.77	11.2	9.200	3
4	9.600	7.850	4.850	22.50	104	22.1	25.8	20.8	5.67	5.75	11.5	9.050	4
5	9.550	7.900	4.800	26.40	96.8	21.7	25.9	19.6	5.61	5.67	11.8	8.800	5
6	9.550	7.850	4.550	29.00	86.9	21.1	28.7	18.7	5.56	5.78	12.4	8.500	6
7	9.550	7.820	4.420	33.00	83.0	20.2	27.4	17.7	5.63	5.45	12.9	8.100	7
8	9.500	7.800	4.270	26.00	82.0	19.2	27.4	17.8	5.65	5.80	13.4	7.800	8
9	9.450	7.600	4.250	30.50	81.8	18.0	28.1	16.8	5.52	5.76	13.8	7.500	9
10	9.400	7.800	4.200	44.50	78.1	18.8	29.9	16.0	5.38	5.81	13.8	7.300	10
11	9.400	7.800	4.150	50.00	72.0	18.8	30.2	16.3	5.38	5.57	13.8	7.050	11
12	9.400	7.800	4.100	56.00	68.2	18.6	29.6	16.3	5.20	5.40	13.6	6.900	12
13	9.380	7.800	4.100	61.00	65.5	19.2	32.6	13.1	5.88	5.43	13.3	6.750	13
14	9.350	7.750	4.120	64.2	61.1	16.7	38.2	12.1	5.61	5.10	13.20	6.600	14
15	9.300	7.700	4.140	67.8	57.5	16.0	43.7	11.1	5.99	5.01	13.20	6.450	15
16	9.350	7.600	4.180	73.4	54.2	16.9	48.6	10.7	6.06	4.89	13.60	6.360	16
17	9.340	7.450	4.220	83.3	51.6	15.6	51.6	10.4	6.33	4.81	14.20	6.300	17
18	9.330	7.300	4.320	96.6	46.5	15.0	52.1	9.80	6.30	4.95	14.20	6.100	18
19	9.320	7.050	4.460	106	47.2	21.5	49.2	9.43	6.28	5.12	14.60	5.900	19
20	9.320	6.850	4.900	112	44.1	22.1	44.2	8.80	6.21	5.50	13.90	5.750	20
21	9.280	6.550	4.850	122	42.2	23.3	45.6	8.42	6.53	6.13	12.20	5.650	21
22	9.100	6.400	4.900	126	40.2	27.1	47.2	7.48	6.72	6.83	12.60	5.550	22
23	8.900	6.250	5.200	129	38.0	24.3	46.2	6.34	6.27	7.67	12.20	5.450	23
24	8.750	6.100	5.850	139	34.6	22.7	47.0	6.20	6.10	8.21	12.10	5.400	24
25	8.600	6.000	6.200	144	32.7	22.7	48.4	6.06	6.02	8.78	11.80	5.300	25
26	8.450	5.950	7.000	147	31.3	23.4	47.2	5.90	5.78	9.28	11.20	5.200	26
27	8.330	5.850	8.000	156	30.6	22.6	41.6	5.83	5.83	10.0	10.90	5.150	27
28	8.220	5.700	9.100	145	28.7	21.0	38.6	5.88	5.87	10.1	10.60	5.100	28
29	8.100		10.4 B	136	28.0	20.2	33.0	6.27	5.71	10.1	10.20	5.050	29
30	8.050		11.8 B	124	26.1	20.7	28.7	6.07	5.76	10.2	10.10	5.050	30
31	8.000		13.2 B		26.7		27.1	6.04		10.1		5.100	31
TOTAL	282.00	202.70	176.22	2 439.2	1 900.6	650.2	1 120.4	378.48	177.22	207.07	370.8	207.83	TOTAL
MEAN	9.10	7.24	5.68	81.3	61.3	21.7	36.1	12.2	5.91	6.68	12.4	6.71	MEAN
MAX	9.80	8.00	13.2	156	128	26.3	52.1	24.1	6.72	10.2	14.6	9.90	MAX
MIN	8.00	5.70	4.10	15.0	26.7	15.0	22.4	5.80	5.38	4.89	10.1	5.05	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 22.2
MAXIMUM DAILY, 156 ON APR 27
MINIMUM DAILY, 4.100 ON MAR 12
MAXIMUM INSTANTANEOUS,
158 AT 22:15 PST ON APR 27

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 05 03 N
LONG 122 40 41 W
DRAINAGE AREA, 4 300 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	24 400	JUL	96 800
FEB	17 500	AUG	32 700
MAR	15 200	SEP	15 300
APR	211 000	OCT	17 900
MAY	164 000	NOV	32 000
JUN	56 200	DEC	18 000

TOTAL DISCHARGE, 702 000 dam³

SALMON RIVER NEAR SALMON ARM - STATION NO. 08LE021

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.880	2.60	5.50	5.15	25.8	28.7	6.35	3.55	1.85	2.03	2.51	2.85	1
2	2.030	2.67	5.33	5.48	27.4	27.1	6.65	3.27	2.00	2.05	2.70	2.48	2
3	2.100	2.77	5.09	5.30	28.8	24.4	6.42	3.01	3.35	2.07	3.23	2.54	3
4	2.200	2.63	4.94	5.16	29.0	21.9	6.08	2.76	2.75	2.10	3.52	2.66	4
5	2.350	2.360	4.72	5.11	25.7	18.3	5.82	2.90	2.79	2.19	3.34	2.63	5
6	2.360	2.17	4.88	5.21	28.8	17.1	5.28	3.43	2.63	2.15	3.20	2.60	6
7	2.400	2.300	5.43	5.61	30.6	15.3	5.34	3.35	2.44	2.16	3.01	2.66	7
8	2.000	2.250	5.60	5.78	30.1	13.7	5.24	3.19	2.33	2.15	2.89	2.79	8
9	2.520	2.000	6.38	5.78	27.2	12.4	6.03	2.11	2.20	2.13	2.87	2.80	9
10	2.580	2.50	7.00	6.00	26.5	11.8	5.46	2.18	2.40	2.08	2.91	2.56	10
11	2.660	2.76	8.11	5.86	26.7	11.1	6.22	2.60	2.80	2.08	3.16	2.51	11
12	2.050	3.22	7.83	5.55	23.6	10.3	5.67	2.73	3.00	2.07	3.12	2.47	12
13	2.010	3.67	7.03	5.36	20.8	9.74	6.07	2.60	2.83	2.00	3.03	2.45	13
14	2.580	3.43	6.70	5.25	24.3	9.03	6.63	2.34	2.63	2.19	3.09	2.42	14
15	2.570	3.30	6.40	5.30	30.2	8.07	6.84	2.21	2.07	2.31	3.64	2.40	15
16	2.610	2.60	5.85	5.61	28.2	8.51	5.92	2.12	2.01	2.26	4.18	2.34	16
17	2.680	4.22	5.63	5.67	26.0	8.29	5.38	2.00	2.00	2.27	4.41	1.71	17
18	2.650	4.60	5.36	6.82	27.5	8.27	5.00	1.88	2.00	2.32	4.20	1.760	18
19	2.80	4.56	5.21	6.05	30.8	8.50	4.76	1.92	2.38	2.35	3.94	1.700	19
20	2.61	4.43	5.68	9.34	29.1	8.04	6.43	1.85	2.31	2.40	3.79	1.670	20
21	2.66	4.32	5.01	11.1	33.6	10.7	4.05	1.81	2.30	2.47	3.71	1.560	21
22	2.60	4.36	4.87	12.3	33.0	9.66	4.18	1.70	2.27	2.66	3.58	1.600	22
23	2.59	4.83	4.60	15.0	34.6	9.18	3.08	1.70	2.27	2.65	3.61	1.590	23
24	2.55	5.27	4.77	16.6	35.4	8.23	3.87	1.72	2.22	2.48	3.59	1.580	24
25	2.59	6.02	4.72	23.3	37.7	9.00	6.43	1.71	2.17	2.46	3.84	1.610	25
26	2.70	5.66	4.67	24.8	35.0	8.32	6.84	1.76	2.16	2.46	3.80	1.600	26
27	2.66	6.27	4.60	24.6	33.7	6.88	6.45	1.78	2.10	2.51	4.00	1.620	27
28	2.62	6.65	4.99	23.3	36.4	7.83	6.04	1.81	2.00	2.42	3.80	1.610	28
29	3.25		5.20	23.4	35.2	7.27	3.76	1.84	2.03	2.36	3.58	1.670	29
30	3.03		5.53	24.8	36.7	6.83	3.61	1.82	2.02	2.41	3.32	1.700	30
31	2.84		5.26		33.1		3.20	1.78		2.50		1.900	31
TOTAL	81.94	108.12	173.34	318.05	935.0	376.16	167.80	66.38	73.02	70.80	103.96	66.49	TOTAL
MEAN	2.64	2.78	5.59	10.7	30.0	12.5	5.60	2.21	2.42	2.29	3.46	2.14	MEAN
MAX	3.03	6.27	8.11	24.8	37.7	28.7	6.82	3.55	3.35	2.66	4.41	2.94	MAX
MIN	1.88	2.17	4.67	5.11	23.9	6.83	3.20	1.70	1.85	2.03	2.51	1.56	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.81
MAXIMUM DAILY, 37.7 ON MAY 25
MINIMUM DAILY, 1.560 ON DEC 24
MAXIMUM INSTANTANEOUS,
39.0 AT 02:03 PST ON MAY 25

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 41 35 N
LONG 119 15 50 W
DRAINAGE AREA, 1 510 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	7 080	JUL	13 600
FEB	9 170	AUG	5 810
MAR	15 000	SEP	6 270
APR	27 600	OCT	6 120
MAY	80 000	NOV	8 050
JUN	32 300	DEC	5 740

TOTAL DISCHARGE, 318 000 dam³

SALMON RIVER NEAR SAYWARD - STATION NO. 08HD006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	30.0	54.8	93.1	78.2	75.1	60.0	48.5	22.0	15.7	12.0	36.5	29.7	1
2	37.6	67.5	44.5	79.7	88.6	53.3	53.6	23.6	16.1	11.7	80.4	26.8	2
3	67.4	42.0	38.5	86.8	68.8	45.6	43.3	27.0	16.0	11.6	133	24.5	3
4	72.6	27.4	34.3	53.0	57.6	37.8	38.3	33.6	14.0	11.7	107	22.8	4
5	88.6	33.7	31.3	48.3	61.7	30.0	36.6	21.5	14.4	11.6	81.8	21.7	5
6	57.1	22.1	28.8	44.8	48.3	30.0	30.0	30.2	15.5	11.7	141	20.8	6
7	118	31.7	43.3	45.5	51.1	29.5	33.6	18.2	20.5	11.5	100	19.5	7
8	300	20.6	88.1	61.3	45.8	47.5	33.2	18.7	30.6	11.4	84.1	18.8	8
9	128	30.7	907	37.3	38.1	66.5	38.8	17.8	17.5	11.3	88.8	18.8	9
10	160	38.5	338	38.7	35.3	116	39.5	16.8	34.0	11.2	77.0	18.7	10
11	303	285	126	34.1	66.3	63.3	132	18.2	67.8	11.2	303	23.9	11
12	317	838	118	30.6	67.1	68.7	167	15.8	33.7	11.1	208	33.4	12
13	317	334	163	28.3	83.1	36.3	100	15.5	25.3	11.0	141	52.2	13
14	117	188	148	27.0	63.6	35.3	81.6	15.2	23.7	11.0	177	46.5	14
15	81.8	174	100	26.8	43.6	61.6	88.1	14.8	20.2	10.9	839	36.2	15
16	82.0	148	73.1	20.0	40.3	27.6	48.6	14.5	18.2	10.9	363	31.8	16
17	66.0	218	55.6	36.8	46.6	67.0	41.0	14.4	17.8	11.2	231	27.2	17
18	220	300	48.3	43.8	47.6	68.3	37.5	16.0	17.1	12.6	178	24.3	18
19	248	118	44.7	81.0	50.6	60.6	35.5	13.9	16.8	37.2	118	22.0	19
20	138	111	81.5	53.6	77.8	30.6	38.6	13.7	15.7	48.0	83.4	18.1	20
21	83.7	80.3	38.7	80.1	80.0	30.0	33.4	13.5	14.7	101	80.5	15.8	21
22	68.5	121	30.6	42.5	83.0	30.0	25.3	13.2	14.2	305	48.5	14.80	22
23	50.4	213	37.5	41.0	78.0	30.6	26.7	13.2	13.7	78.1	43.9	14.80	23
24	33.1	300	61.6	57.8	82.4	42.4	23.0	13.1	13.0	68.9	71.5	14.80	24
25	180	123	38.6	67.0	78.3	48.7	30.6	13.1	12.8	61.4	84.7	14.80	25
26	218	87.0	34.0	88.2	67.7	60.0	30.2	13.5	12.8	435	70.2	14.70	26
27	301	65.8	27.7	83.6	64.6	48.0	37.0	13.8	12.8	300	81.3	15.00	27
28	133	55.0	27.8	83.1	74.6	38.8	38.8	14.3	12.3	84.5	64.4	15.10	28
29	68.5		58.5	68.7	88.7	42.8	30.8	18.8	12.6	83.0	42.5	16.0	29
30	68.8		107	72.8	58.6	48.7	28.1	16.8	12.6	67.1	34.8	20.8	30
31	58.8		81.3		60.8		34.8	17.2		44.1		42.5	31
TOTAL	4 024.7	3 465.1	2 066.7	1 458.7	1 840.2	1 270.8	1 480.2	520.4	568.6	1 900.1	3 860.3	742.8	TOTAL
MEAN	130	130	67.1	48.3	59.6	48.7	47.1	16.8	18.8	61.6	129	24.0	MEAN
MAX	317	838	907	79.7	88.7	116	167	37.0	67.8	435	839	52.2	MAX
MIN	30.0	28.4	30.3	26.8	36.3	28.0	24.2	13.0	12.4	10.8	34.8	14.5	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 66.4
MAXIMUM DAILY, 839 ON FEB 12
MINIMUM DAILY, 10.8 ON OCT 16
MAXIMUM INSTANTANEOUS,
871 AT 03:33 PST ON FEB 12

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 10 34 N
LONG 125 52 00 W
DRAINAGE AREA, 1 200 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	348 000	JUL	128 000
FEB	336 000	AUG	45 000
MAR	225 000	SEP	49 200
APR	125 000	OCT	165 000
MAY	160 000	NOV	334 000
JUN	110 000	DEC	64 300

TOTAL DISCHARGE, 2 090 000 dam³

SALT LAKE CREEK ABOVE NICOLA LAKE - STATION NO. 08LG052

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0	0	0	0	0	0	0	0	0	---	---	---	1
2	0	0	0	0	0	0	0	0	0	---	---	---	2
3	0	0	0	0	0	0	0	0	0	---	---	---	3
4	0	0	0	0	0	0	0	0	0	---	---	---	4
5	0	0	0	0	0	0	0	0	0	---	---	---	5
6	0	0	0	0	0	0	0	0	0	---	---	---	6
7	0.029	0	0	0	0	0	0	0	0	---	---	---	7
8	0.008	0	0	0	0	0	0	0	0	---	---	---	8
9	0	0	0	0	0	0	0	0	0	---	---	---	9
10	0	0	0	0	0	0	0	0	0	---	---	---	10
11	0.002	0	0	0	0	0	0	0	0	---	---	---	11
12	0	0	0	0	0	0	0	0	0	---	---	---	12
13	0	0	0	0	0	0	0	0	0	---	---	---	13
14	0	0	0	0	0	0	0	0	0	---	---	---	14
15	0	0	0	0	0	0	0	0	0	---	---	---	15
16	0	0	0	0	0	0	0	0	0	---	---	---	16
17	0	0	0	0	0	0	0	0	0	---	---	---	17
18	0	0	0	0	0	0	0	0	0	---	---	---	18
19	0	0	0	0	0	0	0	0	0	---	---	---	19
20	0	0	0	0	0	0	0	0	0	---	---	---	20
21	0	0	0	0	0	0	0	0	0	---	---	---	21
22	0	0	0	0	0	0	0	0	0	---	---	---	22
23	0	0	0	0	0	0	0	0	0	---	---	---	23
24	0	0	0	0	0	0	0	0	0	---	---	---	24
25	0	0	0	0	0	0	0	0	0	---	---	---	25
26	0	0	0	0	0	0	0	0	0	---	---	---	26
27	0	0	0	0	0	0	0	0	0	---	---	---	27
28	0	0	0	0	0	0	0	0	0	---	---	---	28
29	0		0	0	0	0	0	0	0	---	---	---	29
30	0		0	0	0	0	0	0	0	---	---	---	30
31	0		0		0		0	0		---		---	31
TOTAL	0.039	0	0	0	0	0	0	0	0	---	---	---	TOTAL
MEAN	0.001	0	0	0	0	0	0	0	0	---	---	---	MEAN
MAX	0.029	0	0	0	0	0	0	0	0	---	---	---	MAX
MIN	0	0	0	0	0	0	0	0	0	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 0.029 ON JAN 7
MINIMUM DAILY, 0 ON JAN 1
MAXIMUM INSTANTANEOUS,
0.166 AT 15:10 PST ON JAN 7

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 16 27 N
LONG 120 24 42 W

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3.37	JUL	0
FEB	0	AUG	0
MAR	0	SEP	0
APR	0	OCT	---
MAY	0	NOV	---
JUN	0	DEC	---

SAN JUAN RIVER NEAR PORT RENFREW - STATION NO. 08HA010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	27.0 E	29.7	39.4	71.1	10.6	5.17	8.60	6.31	12.1	4.07	36.1	37.3	1
2	30.0 E	36.4	33.5	85.7	10.1	4.93	10.0	7.87	21.9	3.85	80.5	37.9	2
3	28.0 E	23.6	29.1	76.7	9.66	4.77	8.81	6.88	13.3	4.12	233	29.3	3
4	26.0 E	31.4	26.1	53.9	9.32	4.61	7.74	7.77	10.3	4.63	188	28.7	4
5	27.0 E	19.5	23.7	41.8	6.73	4.43	7.19	7.07	8.37	4.88	116	24.5	5
6	44.0 E	20.0	22.5	34.5	8.82	4.21	6.83	6.59	7.43	4.14	126	22.5	6
7	240 E	27.0	28.9	30.3	14.5	4.05	6.52	6.16	7.04	3.94	155	20.7	7
8	266 E	23.2	141	26.9	22.0	3.88	6.25	5.87	6.37	3.80	84.9	129 E	8
9	225 E	80.6	443	23.8	20.4	5.13	5.98	5.40	5.53	2.78	60.0	66.2 E	9
10	200 E	121	156	22.0	18.2	30.4	5.63	5.12	9.46	3.62	106	42.4 E	10
11	270 E	556	108	20.6	15.7	23.4	163	4.85	22.3	3.40	276	48.9 E	11
12	280 E	547	70.5	19.1	13.9	17.5	226	4.66	17.5	3.23	203	45.4 E	12
13	120 E	369	60.7	17.8	12.6	13.8	133	4.52	12.8	3.16	183	104 E	13
14	60.0 E	173	220	16.4	12.3	11.0	83.2	4.30	10.4	3.05	187	102 E	14
15	42.0 E	128	113	15.5	14.6	10.8	48.3	4.08	8.85	2.99	631	60.6 E	15
16	44.0 E	132	55.4	14.7	12.7	9.92	34.2	3.86	8.08	2.92	553	31.7 E	16
17	76.0 E	287	47.6	14.0	11.6	13.3	27.3	3.80	7.23	3.05	354	24.1 E	17
18	230 E	271	37.3	12.9	11.8	24.6	22.2	3.66	7.62	3.14	259	16.6 E	18
19	81.2 A	166	31.7	12.5	10.6	22.6	19.0	3.57	5.08	3.21	132	15.3 E	19
20	46.0	368	27.6	12.8	10.1	17.3	17.1	3.46	7.67	4.89	128	13.0 E	20
21	35.7	126	24.6	12.4	9.80	14.0	15.7	3.32	6.72	15.1	84.7	9.000 E	21
22	31.5	141	23.0	11.6	9.03	12.3	14.2	3.31	6.30	84.5	66.4	7.970 E	22
23	29.0	202	22.6	11.1	8.57	11.7	12.6	3.21	5.94	33.3	52.5	5.800 E	23
24	48.1	118	23.5	12.4	8.17	11.8	11.8	3.28	5.44	22.8	110	13.5 E	24
25	95.2	73.6	20.5	15.2	7.72	11.8	10.9	3.08	5.18	24.4	107	6.500 E	25
26	151	85.5	18.0	14.0	7.27	12.2	10.1	2.93	6.25	22.9	118	7.040 E	26
27	123	64.2	20.6	14.0	6.83	11.0	13.5	2.87	5.65	36.6	162	6.300 E	27
28	71.8	46.9	28.1	12.8	6.56	9.76	13.8	3.26	4.84	25.9	88.2	5.100 E	28
29	50.0		66.0	11.8	6.22	8.93	11.3	6.38	4.60	30.0	80.6	4.800 E	29
30	39.9		136	11.2	5.81	8.21	9.68	5.48	4.33	54.8	45.6	25.1 E	30
31	33.6		120		5.49		9.03	4.83		60.5		66.9 E	31
TOTAL	3 132.2	4 189.0	2 241.5	752.8	340.10	347.51	979.84	150.86	267.86	474.12	5 118.9	1 088.11	TOTAL
MEAN	101	150	72.3	25.1	11.0	11.6	31.6	4.87	8.93	15.3	171	35.1	MEAN
MAX	280	556	443	85.7	23.0	30.4	226	6.59	22.3	84.5	631	129	MAX
MIN	26.0	19.5	18.0	11.1	5.49	3.88	5.63	2.87	4.33	2.92	36.1	4.80	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 53.3
MAXIMUM DAILY, 631 ON NOV 15
MINIMUM DAILY, 2.87 ON AUG 27
MAXIMUM INSTANTANEOUS,
864 AT 17:30 PST ON NOV 15

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 34 28 N
LONG 124 16 02 W
DRAINAGE AREA, 580 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	271 000	JUL	84 700
FEB	362 000	AUG	13 000
MAR	194 000	SEP	23 100
APR	65 000	OCT	41 000
MAY	29 400	NOV	442 000
JUN	30 000	DEC	94 000

TOTAL DISCHARGE, 1 650 000 dam³

SANDY CREEK ABOVE KELKOFF DIVERSION - STATION NO. 08NJ167

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.140	0.547	2.04	0.341	0.222	0.140	---	---	---	1
2	---	---	---	0.147	0.547	1.53	0.366	0.214	0.147	---	---	---	2
3	---	---	---	0.147	0.588	1.28	0.327	0.174	0.132	---	---	---	3
4	---	---	---	0.147	1.10	1.28	0.314	0.194E	0.147	---	---	---	4
5	---	---	---	0.147	0.587	1.01	0.314	0.214	0.147	---	---	---	5
6	---	---	---	0.147	0.771	1.15	0.341	0.167	0.140	---	---	---	6
7	---	---	---	0.147	0.700	1.15	0.314	0.161	0.147	---	---	---	7
8	---	---	---	0.154	0.771	1.10	0.314	0.174	0.140	---	---	---	8
9	---	---	---	0.161	0.504	1.15	0.302	0.154	0.140	---	---	---	9
10	---	---	---	0.154	0.504	0.806	0.354	0.161	0.147	---	---	---	10
11	---	---	---	0.154	0.460	1.15	0.341	0.161	0.140	---	---	---	11
12	---	---	---	0.154	0.504	0.735	0.341	0.167	0.117	---	---	---	12
13	---	---	---	0.147	0.460	0.526	0.354	0.167	0.126	---	---	---	13
14	---	---	---	0.147	0.460	0.646	0.302	0.174	0.140	---	---	---	14
15	---	---	---	0.147	0.504	0.547	0.354	0.188	0.161	---	---	---	15
16	---	---	---	0.132	0.504	0.526	0.327	0.167	0.140	---	---	---	16
17	---	---	---	0.154	0.504	0.526	0.341	0.161	0.132	---	---	---	17
18	---	---	---	0.161	0.504	0.482	0.354	0.174	0.147	---	---	---	18
19	---	---	---	0.167	0.504	0.482	0.327	0.161	0.132	---	---	---	19
20	---	---	---	0.167	0.504	0.391	0.314	0.154	0.132	---	---	---	20
21	---	---	---	0.278	0.504	0.354	0.302	0.174	0.140	---	---	---	21
22	---	---	---	0.403	0.771	0.482	0.302	0.167	0.132	---	---	---	22
23	---	---	---	0.504	1.10	0.460	0.327	0.167	0.132	---	---	---	23
24	---	---	---	1.15	1.84	0.403	0.266	0.174	0.140	---	---	---	24
25	---	---	---	0.870	2.00	0.354	0.266	0.167	0.132	---	---	---	25
26	---	---	---	0.886	2.99	0.366	0.266	0.161	0.132	---	---	---	26
27	---	---	---	0.700	2.68	0.327	0.266	0.174	0.140	---	---	---	27
28	---	---	---	0.547	2.78	0.314	0.327	0.161	0.126	---	---	---	28
29	---		---	0.504	3.02	0.341	0.302	0.188	0.117	---	---	---	29
30	---		---	0.504	2.88	0.341	0.314	0.174	0.132	---	---	---	30
31	---		---		2.23		0.222	0.167		---		---	31
TOTAL	---	---	---	9.567	32.537	22.549	9.756	5.443	4.116	---	---	---	TOTAL
MEAN	---	---	---	0.319	1.05	0.752	0.315	0.176	0.137	---	---	---	MEAN
MAX	---	---	---	1.15	3.02	2.04	0.366	0.222	0.161	---	---	---	MAX
MIN	---	---	---	0.132	0.460	0.314	0.222	0.154	0.117	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 3.02 ON MAY 29

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 25 51 N
LONG 117 21 30 W
DRAINAGE AREA, 11.1 km²

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	843
FEB	---	AUG	470
MAR	---	SEP	356
APR	827	OCT	---
MAY	2 810	NOV	---
JUN	1 950	DEC	---

SARITA RIVER NEAR BAMFIELD - STATION NO. 08HB014

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	8.15	7.03	18.1	40.4	2.58	1.45	4.95	2.84	3.74	1.47	20.0	8.68	1
2	61.9	8.46	15.4	60.2	2.48	1.41	5.85	3.40	3.27	1.41	47.5	8.30	2
3	53.5	9.72	12.5	34.5	2.52	1.35	5.66	3.00	3.21	1.67	108	7.24	3
4	42.0	4.87	12.3	20.4	2.38	1.28	4.39	2.95	2.87	1.72	62.7	6.86	4
5	36.4	4.65	11.1	15.0	2.24	1.37	3.60	2.59	2.31	1.60	48.1	8.31	5
6	34.3	7.05	13.4	12.7	2.19	1.36	3.12	2.31	3.73	1.55	57.2	5.70	6
7	89.5	12.5	21.4	11.2	20.7	1.24	3.13	2.04	4.35	1.46	47.8	5.56	7
8	135	18.1	126	9.47	24.7	1.28	2.89	1.84	3.87	1.42	28.9	66.4	8
9	102	23.6	227	8.47	15.8	10.2	2.85	1.76	3.01	1.40	24.8	39.0	9
10	234	90.1	65.7	7.90	9.87	32.6	2.84	1.66	6.88	1.36	42.7	18.4	10
11	146	256	40.0	7.32	7.35	22.2	92.1	1.63	10.3	1.31	126	25.7	11
12	108	166	21.2	6.37	5.86	15.2	61.2	1.55	7.13	1.30	110	58.7 A	12
13	71.7	55.4	96.8	5.51	4.85	9.32	37.7	1.44	9.17	1.28	74.8	65.3 A	13
14	44.7	82.6	118	4.96	5.47	6.72	26.1	1.42	4.02	1.21	73.6	20.3	14
15	37.3	56.8	46.3	4.58	9.01	7.27	16.3	1.32	3.26	1.25	309 A	17.9	15
16	15.8	62.7	21.6	3.90	6.86	6.28	11.5	1.29	3.07	1.30	211	13.3	16
17	12.5	143	14.6	3.54	5.57	6.09	5.69	1.27	2.72	1.74	136	11.0	17
18	84.4	76.9	11.6	3.63	5.26	10.8	7.12	1.25	2.54	1.73	86.1A	9.27	18
19	102	65.2	9.42	3.22	4.58	10.1	6.27	1.22	3.21	1.88	36.1	8.17	19
20	65.6	107	7.84	2.96	4.10	7.78	6.47	1.20	2.96	12.0	30.0	6.86	20
21	42.2	26.1	7.03	2.79	3.56	6.00	5.18	1.17	2.32	75.8	22.0	6.08	21
22	25.7	43.8	6.33	2.61	3.16	4.88	4.60	1.13	2.01	70.3	18.6	5.46	22
23	16.0	162	7.16	2.46	2.78	5.17	3.88	1.12	1.80	21.9	18.9	5.16	23
24	38.3	76.3	7.86	3.03	2.60	5.52	3.42	1.13	1.74	13.1	37.0	4.26	24
25	78.0	33.3	6.21	4.67	2.34	5.84	3.04	1.08	1.70	13.3	32.9	4.28	25
26	112	22.6	7.22	5.46	2.06	6.27	2.88	1.04	1.78	19.4	61.8A	6.82	26
27	77.3	30.5	16.0	6.57	1.55	5.26	7.78	1.01	1.93	30.4	55.6A	5.99	27
28	44.1	32.8	24.0	4.71	1.82	4.48	6.94	5.70	1.75	16.8	22.1	5.24	28
29	22.7		62.0	3.73	1.86	3.94	5.18	6.06	1.83	12.1	14.6	5.08	29
30	14.1		76.3	3.06	1.58	3.71	3.05	3.09	1.63	26.5	11.8	27.4 A	30
31	10.3		53.3		1.67		2.16	3.10		24.3		47.0 A	31
TOTAL	1 932.48	1 846.18	1 155.65	255.90	169.81	210.28	384.07	65.22	98.93	373.70	2 099.9	570.85	TOTAL
MEAN	62.3	65.9	37.4	8.53	5.48	7.01	12.4	2.10	3.30	12.1	70.0	18.4	MEAN
MAX	234	256	227	60.2	24.7	32.6	92.1	6.06	10.3	75.8	309	66.4	MAX
MIN	8.15	4.65	6.21	2.46	1.55	1.24	2.84	1.01	1.63	1.21	11.8	4.26	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 25.2
MAXIMUM DAILY, 309A ON NOV 15
MINIMUM DAILY, 1.01 ON AUG 27
MAXIMUM INSTANTANEOUS,
466 AT 17:01 PST ON FEB 11

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 52 34 N
LONG 124 57 54 W
DRAINAGE AREA, 162 km²
A - MANUAL GAUGE

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	167 000	JUL	33 200
FEB	159 000	AUG	5 640
MAR	100 000	SEP	8 550
APR	22 100	OCT	32 300
MAY	14 700	NOV	181 000
JUN	18 200	DEC	49 300

TOTAL DISCHARGE, 784 000 dam³

SCOTTIE CREEK ABOVE CHROME CREEK - STATION NO. 08LF080

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.118	0.850	0.276	0.217	0.088	0.081	0.082	---	---	1
2	---	---	---	0.119	1.04	0.279	0.233	0.085	0.146	0.084	---	---	2
3	---	---	---	0.120	1.05	0.387	0.295	0.084	0.137	0.084	---	---	3
4	---	---	---	0.120	0.961	0.415	0.300	0.082	0.116	0.082A	---	---	4
5	---	---	---	0.122	0.893	0.323	0.245	0.077	0.112	---	---	---	5
6	---	---	---	0.129	0.844	0.281	0.220	0.075	0.098	---	---	---	6
7	---	---	---	0.125	0.827	0.256	0.205	0.076	0.108	---	---	---	7
8	---	---	---	0.123	0.747	0.235	0.203	0.072	0.115	---	---	---	8
9	---	---	---	0.128	0.777	0.233	0.222	0.080	0.107	---	---	---	9
10	---	---	---	0.127	0.878	0.226	0.208	0.085	0.119	---	---	---	10
11	---	---	---	0.120	0.851	0.215	0.198	0.084	0.127	---	---	---	11
12	---	---	---	0.123	0.818	0.227	0.182	0.086	0.112	---	---	---	12
13	---	---	---	0.114	0.757	0.231	0.170	0.083	0.104	---	---	---	13
14	---	---	---	0.123	0.736	0.210	0.188	0.077	0.098	---	---	---	14
15	---	---	0.123A	0.126	0.871	0.201	0.212	0.073	0.094	---	---	---	15
16	---	---	0.119	0.143	0.832	0.210	0.228	0.080	0.101	---	---	---	16
17	---	---	0.120	0.190	0.814	0.208	0.186	0.071	0.111	---	---	---	17
18	---	---	0.121	0.173	0.737	0.185	0.176	0.071	0.107	---	---	---	18
19	---	---	0.123	0.201	0.683	0.227	0.180	0.087	0.088	---	---	---	19
20	---	---	0.125	0.229	0.661	0.388	0.184	0.084	0.083	---	---	---	20
21	---	---	0.126	0.241	0.628	0.501	0.162	0.084	0.082	---	---	---	21
22	---	---	0.123	0.230	0.557	0.328	0.145	0.087	0.080	---	---	---	22
23	---	---	0.122	0.258	0.617	0.281	0.127	0.087	0.086	---	---	---	23
24	---	---	0.124	0.362	0.468	0.280	0.118	0.071	0.082	---	---	---	24
25	---	---	0.124	0.642	0.453	0.308	0.118	0.075	0.078	---	---	---	25
26	---	---	0.124	0.849	0.422	0.272	0.138	0.071	0.078	---	---	---	26
27	---	---	0.125	0.763	0.387	0.248	0.129	0.080	0.077	---	---	---	27
28	---	---	0.125	0.728	0.387	0.231	0.117	0.087	0.078	---	---	---	28
29	---		0.123	0.725	0.328	0.227	0.108	0.073	0.080	---	---	---	29
30	---		0.120	0.832	0.308	0.241	0.099	0.074	0.082	---	---	---	30
31	---		0.118		0.290		0.094	0.070		---		---	31
TOTAL	---	---	---	8.584	20.782	8.248	5.753	2.328	2.987	---	---	---	TOTAL
MEAN	---	---	---	0.286	0.670	0.275	0.186	0.075	0.100	---	---	---	MEAN
MAX	---	---	---	0.849	1.05	0.501	0.295	0.088	0.146	---	---	---	MAX
MIN	---	---	---	0.114	0.290	0.185	0.094	0.064	0.076	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 1.05 ON MAY 3

MAXIMUM INSTANTANEOUS, 1.13 AT 21:30 PST ON MAY 2

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 58 01 N
LONG 121 23 54 W
DRAINAGE AREA, 141 km²
A - MANUAL GAUGE

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	497
FEB	---	AUG	201
MAR	---	SEP	258
APR	742	OCT	---
MAY	1 796	NOV	---
JUN	712	DEC	---

SENTINEL CREEK ABOVE GARIBALDI LAKE - STATION NO. 08GA068

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	1.94	2.28	0.262	---	---	1
2	---	---	---	---	---	---	---	2.15	1.66	0.230	---	---	2
3	---	---	---	---	---	---	---	1.67	1.42	0.202	---	---	3
4	---	---	---	---	---	---	---	1.38	1.30	0.215	---	---	4
5	---	---	---	---	---	---	---	1.37	0.980	0.223	---	---	5
6	---	---	---	---	---	---	---	1.36	1.00	0.215	---	---	6
7	---	---	---	---	---	---	---	1.27	0.813	0.170A	---	---	7
8	---	---	---	---	---	---	---	1.06	0.865	---	---	---	8
9	---	---	---	---	---	---	---	2.11	0.577	---	---	---	9
10	---	---	---	---	---	---	---	2.20	0.607	---	---	---	10
11	---	---	---	---	---	---	---	1.96	0.768	---	---	---	11
12	---	---	---	---	---	---	---	1.62	0.602	---	---	---	12
13	---	---	---	---	---	---	---	1.80	0.607	---	---	---	13
14	---	---	---	---	---	1.350	---	1.53	0.632	---	---	---	14
15	---	---	---	---	---	1.450	---	1.25	0.569	---	---	---	15
16	---	---	---	---	---	1.180	---	1.10	0.661	---	---	---	16
17	---	---	---	---	---	---	---	1.16	0.556	---	---	---	17
18	---	---	---	---	---	---	---	1.18	0.480	---	---	---	18
19	---	---	---	---	---	---	---	1.05	0.466	---	---	---	19
20	---	---	---	---	---	---	---	0.937	0.388	---	---	---	20
21	---	---	---	---	---	---	---	0.905	0.489	---	---	---	21
22	---	---	---	---	---	---	---	0.960	0.556	---	---	---	22
23	---	---	---	---	---	---	---	1.03	0.502	---	---	---	23
24	---	---	---	---	---	---	---	1.06	0.813	---	---	---	24
25	---	---	---	---	---	---	---	1.04	0.562	---	---	---	25
26	---	---	---	---	---	---	---	1.01	0.568	---	---	---	26
27	---	---	---	---	---	---	---	0.982	0.541	---	---	---	27
28	---	---	---	---	---	---	1.81A	2.22	0.448	---	---	---	28
29	---		---	---	---	---	1.67	2.23	0.383	---	---	---	29
30	---		---	---	---	---	1.42	2.07	0.312	---	---	---	30
31	---		---		---		1.74	1.65		---		---	31
TOTAL	---	---	---	---	---	---	---	46.484	22.183	---	---	---	TOTAL
MEAN	---	---	---	---	---	---	---	1.50	0.740	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	2.23	2.28	---	---	---	MAX
MIN	---	---	---	---	---	---	---	0.937	0.312	---	---	---	MIN

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 54 10 N
LONG 122 58 40 W
DRAINAGE AREA, 5.70 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	---
FEB	---	AUG	4 020
MAR	---	SEP	1 920
APR	---	OCT	---
MAY	---	NOV	---
JUN	---	DEC	---

SETON RIVER NEAR LILLOOET - STATION NO 08ME003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.04	26.2	5.85	5.82	5.85	77.5	5.98	89.1	39.3	12.2	12.4	12.0	1
2	5.01	5.97	5.82	5.85	5.90	77.8	5.97	88.9	38.1	12.4	12.3	12.2	2
3	5.95	5.94	5.87	5.84	5.92	70.6	6.02	88.1	37.4	12.6	12.1	12.4	3
4	5.01	5.96	5.88	5.87	5.78	62.5	6.15	88.5	65.3	12.4	12.2	12.2	4
5	6.10	5.88	5.90	5.92	5.87	62.9	6.45	88.3	67.4	12.3	12.3	9.92	5
6	5.06	5.94	5.86	6.03	5.69	62.8	29.0	88.2	67.2A	12.3	12.3	8.05	6
7	6.14	5.91	5.86	5.94	5.72	62.6	11.3	87.7	52.8E	12.4	12.2	7.86	7
8	5.88	5.94	5.91	6.02	5.72	45.9	5.75	87.2	38.3A	12.3	11.9	7.88	8
9	5.68	5.95	5.88	5.98	5.77	40.3	5.92	86.6	26.0	12.1	11.7	7.65	9
10	5.95	5.81	5.86	5.94	5.81	52.3	6.30	30.4	31.7	12.0	11.9	7.75	10
11	5.88	5.80	5.88	5.92	5.74	52.5	5.18	30.1	44.9	12.3	12.0	7.92	11
12	5.90	5.83	5.90	5.92	5.89	52.2	5.87	39.3	24.2	12.6	11.7	7.92	12
13	5.58	5.83	5.94	5.90	5.81	40.2	6.14	57.9	10.5	12.7	11.6	7.97	13
14	5.87	5.88	5.92	5.88	5.82	33.5	4.58	57.9	10.5	12.2	11.8	7.79	14
15	5.56	5.86	5.92	5.93	5.65	34.0	9.73	57.1	10.9	12.0	12.0	7.73	15
16	5.96	5.82	5.81	5.92	5.77	25.5	20.3	47.8	26.3	12.2	11.9	7.80	16
17	5.83	5.88	5.87	5.88	5.84	48.4	23.3	39.8	32.2	12.1	11.6	7.70	17
18	6.02	5.72	5.87	5.87	5.83	37.6	5.91	48.9	10.5	11.8	11.9	7.72	18
19	6.07	5.78	5.93	5.88	15.9	8.78	6.04	40.7	10.9	11.7	11.8	7.82	19
20	5.97	5.63	5.90	5.83	17.3	82.9	5.65	28.7	11.5	11.7	11.9	7.84	20
21	5.98	5.69	5.96	5.92	5.78	149	5.81	28.9	11.3	11.8	12.1	7.75	21
22	6.00	5.85	5.81	5.94	5.77	129	5.78	15.6	11.6	11.8	12.1	7.71	22
23	5.98	5.83	5.85	5.98	5.86	102	5.84	10.1	11.4	12.1	11.9	7.73	23
24	6.01	5.77	6.00	5.90	5.84	140	5.88	11.1	11.4	12.0	11.7	7.78	24
25	5.98	5.78	6.03	5.93	6.00	152	88.4	12.3	11.7	12.7	11.7	7.62	25
26	5.88	5.86	6.01	5.93	5.06	150	117	38.1	11.8	12.9	11.7	7.71	26
27	5.92	5.93	5.97	5.89	7.80	132	117	38.0	12.2	13.7	11.6	7.70	27
28	6.05	5.93	5.97	5.85	20.2	128	103	38.0	12.6	12.8	11.7	7.81	28
29	6.04		5.93	5.85	24.3	109	89.9	38.1	12.6	12.3	12.3	7.83	29
30	6.03		5.91	5.80	52.9	75.6	88.7	38.0	12.3	13.1	12.2	7.87	30
31	23.3		5.85		77.8		89.2	38.3		12.3		7.88	31
TOTAL	203.78	164.36	182.10	177.20	359.21	2 298.66	882.34	1 546.5	773.8	380.6	358.9	261.49	TOTAL
MEAN	6.54	5.58	5.91	5.91	11.6	76.6	28.5	49.9	25.8	12.3	12.0	8.44	MEAN
MAX	23.3	26.2	6.03	6.03	77.8	152	117	89.1	67.4	13.7	12.4	12.4	MAX
MIN	5.05	5.69	5.82	5.80	5.61	8.78	5.75	10.1	10.5	11.7	11.6	7.65	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 29.6
MAXIMUM DAILY, 152 ON JUN 25
MINIMUM DAILY, 5.61 ON MAY 13
MAXIMUM INSTANTANEOUS,
158 AT 08:10 PST ON JUN 30

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 40 20 N
LONG 121 58 10 W
DRAINAGE AREA, 1 040 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	17 500	JUL	76 200
FEB	15 900	AUG	134 000
MAR	15 800	SEP	66 900
APR	15 300	OCT	32 900
MAY	31 000	NOV	31 000
JUN	199 000	DEC	22 600

TOTAL DISCHARGE, 658 000 dam³

SEYMOUR RIVER NEAR NORTH VANCOUVER - STATION NO 08GA030

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.03	8.67	10.5	24.4	19.8	20.0	13.5	9.11	30.2	1.80	22.6	4.20E	1
2	4.46	5.49	7.75	25.0	14.1	17.2	24.2	4.06	36.5	1.78	98.9	3.80E	2
3	7.25	4.63	8.80	16.6	10.8	16.5	16.4	4.27	14.6	1.80	96.5	3.40E	3
4	16.2	3.65	5.16	12.8	9.70	13.0	11.0	3.33	9.66	2.05	40.2	3.20E	4
5	24.2	3.19	4.71	17.3	9.99	11.2	9.78	2.74	7.63	1.87	24.1	3.00E	5
6	14.5	3.52	8.25	22.4	11.2	9.77	8.66	2.51	7.18	1.81	33.6	3.40E	6
7	66.6	4.27	9.72	15.1	33.6	13.0	6.97	2.38	7.76	1.78	38.7	3.19E	7
8	73.9	4.02	47.0	4.63	34.7	18.5	5.26	2.30	7.11	1.77	19.6	4.00E	8
9	48.1	10.2	150	3.97	19.5	23.6	4.52	2.31	6.52	1.72	14.7	4.79E	9
10	74.3	22.5	83.4	4.06	12.8	51.3	3.94	2.23	6.74	1.71	18.6	3.60E	10
11	57.5	55.0	30.3	3.67	11.0	23.1	78.2	2.19	6.86	1.70	62.6	6.50E	11
12	49.6	186	22.4	3.36	12.7	14.3	118	3.60	7.84	1.73	66.6	10.0 E	12
13	32.3	184	19.0	3.10	15.4	10.3	76.3	4.03	8.86	1.76	85.0	16.5 E	13
14	18.8	52.2	52.7	2.93	18.6	9.81	51.6	4.16	8.52	1.75	80.7	8.40E	14
15	11.5	43.4	30.1	2.86	15.5	16.7	29.8	4.02	6.33	1.71	260	5.50E	15
16	8.85	37.4	15.8	2.97	13.5	15.6	15.9	3.49	9.41	1.73	198	4.40E	16
17	9.73	60.1	11.3	3.10	12.4	45.3	13.6	3.24	31.9	2.38	117	3.20E	17
18	22.3	62.0	9.08	3.55	12.1	61.2	11.9	3.16	12.9	2.05	72.1	2.50E	18
19	46.2	23.7	7.57	3.81	13.3	30.1	10.4	2.88	5.35	2.28	31.1	2.10E	19
20	27.2	64.5	7.01	4.26	16.1	17.2	9.25	3.66	3.30	5.11	20.5	1.70E	20
21	15.9	30.2	6.70	4.38	20.5	12.7	7.85	2.95	2.02	11.8	12.4	1.50B	21
22	10.5	28.7	6.66	3.82	28.7	12.0	6.29	2.83	1.92	31.0	8.51	1.30B	22
23	8.66	93.7	7.37	3.72	27.0	28.1	5.44	2.80	1.88	6.08	7.11	1.30B	23
24	11.6	76.9	7.14	8.95	30.7	24.8	5.33	2.71	1.83A	4.50	17.3	1.31B	24
25	30.1	41.8	6.71	18.7	30.9	23.4	4.64	3.54	1.80A	4.70	25.3	1.32B	25
26	41.1	29.5	6.62	19.9	24.4	17.6	4.50	3.42	1.99	4.19	17.6	1.34B	26
27	47.6	25.3	7.80	13.5	29.7	16.3	32.5	3.39	2.07	5.04	16.2	1.36B	27
28	35.2	16.8	8.84	11.7	27.7	13.2	30.6	4.99	1.90	4.62	11.2	1.38B	28
29	16.3		25.1	15.0	27.8	12.0	12.6	16.5	1.85	4.01	7.19	1.40B	29
30	11.4		35.0	16.4	36.6	11.6	7.77	8.46	1.82	30.1	4.84	5.00B	30
31	8.66		35.1		27.3		6.78	5.19		41.0		8.81	31
TOTAL	834.75	1 157.94	676.93	299.57	618.48	567.46	627.89	123.94	254.13	162.96	1 501.55	121.96	TOTAL
MEAN	26.9	41.4	21.8	10.0	20.0	18.9	20.3	4.00	8.47	5.30	50.1	3.93	MEAN
MAX	74.3	186	150	25.0	37.8	51.3	118	16.5	36.5	41.0	260	16.5	MAX
MIN	3.03	3.19	4.71	2.86	9.70	9.77	3.94	2.19	1.80	1.70	4.84	1.30	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 19.3
MAXIMUM DAILY, 260 ON NOV 15
MINIMUM DAILY, 1.300 ON DEC 22
MAXIMUM INSTANTANEOUS,
371 AT 16:48 PST ON NOV 15

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 20 32 N
LONG 123 00 05 W
DRAINAGE AREA, 176 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	72 100	JUL	54 200
FEB	100 000	AUG	10 700
MAR	56 700	SEP	22 000
APR	25 900	OCT	15 000
MAY	53 400	NOV	130 000
JUN	50 000	DEC	10 500

TOTAL DISCHARGE, 604 000 dam³

SEYMOUR RIVER NEAR SEYMOUR ARM - STATION NO. 08LE027

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.900	6.500	19.9	21.7	57.1	181	102	61.2	23.0	11.4	62.7	12.2	1
2	5.800	6.400	17.5	23.1	63.2	181	89.6	56.3	55.1	10.9	41.0	11.4	2
3	6.030	5.200	16.4	23.8	67.1	142	101	52.4	79.9	10.6	39.4	11.2 B	3
4	6.200	5.150	15.9	22.6	59.0	117	86.3	42.8	56.4	11.1	80.9	11.1 B	4
5	6.300	5.200	14.9	22.3	58.6	104	83.9	37.3	41.6	11.1	44.6	10.9 B	5
6	6.200	6.350	14.0	22.2	65.2	106	85.1	37.3	39.8	10.5	35.8	10.8 B	6
7	6.250	6.500	13.7	29.2	80.0	121	77.6	32.4	32.6	10.3	30.3	10.4 B	7
8	6.350	6.800	14.5	32.6	67.5	120	70.1	30.6	31.5	9.92	26.9	10.5 B	8
9	6.400	7.000	21.0	27.4	56.7	120	98.2	32.5	27.0	9.72	24.0	10.4 B	9
10	6.300	7.51	35.1	25.3	48.4	115	75.0	34.9	34.0	9.43	21.9	10.2 B	10
11	6.420	7.44	44.5	22.8	46.9	108	136	36.1	28.2	9.20	53.1	10.1 B	11
12	6.450	8.99	37.7	20.1	45.7	78.3	353	39.7	32.0	8.97	23.6	10.0	12
13	6.350	11.9	32.5	18.1	51.9	68.9	289	31.7	27.7	8.86	21.6	9.95	13
14	6.250	12.4	30.8	17.2	55.9	80.4	215	31.6	34.7	8.65	20.4	9.91	14
15	6.100	12.4	30.4	17.4	56.6	97.0	158	28.9	27.6	9.10	23.8	9.84	15
16	6.000	12.1	28.8	18.6	62.2	98.5	112	24.3	28.7	8.89	36.3	9.62	16
17	6.250	12.0	25.9	20.3	66.7	131	84.1	21.9	28.7	8.72	42.2	9.100	17
18	6.200	13.3	23.2	27.6	87.2	145	70.6	21.1	24.8	8.67	37.8	8.800	18
19	6.150	14.0	20.7	36.7	60.5	116	64.0	19.6	20.7	8.76	34.0	8.100	19
20	6.100	14.4	19.1	44.0	57.5	121	63.1	18.6	18.6	9.94	26.4	7.900	20
21	6.050	14.6	17.9	68.9	74.2	80.5	67.9	17.3	17.3	11.1	24.6	7.300	21
22	6.020	16.4	16.6	56.2	76.3	88.7	60.2	18.1	16.6	21.0	21.6	7.100	22
23	6.000	14.4	16.1	55.9	86.0	76.2	55.7	15.7	15.6	24.8	19.9	6.900	23
24	6.000	16.5	17.9	71.1	118	91.7	62.4	15.6	15.2	17.9	18.4	6.800	24
25	6.050	31.7	18.6	95.3	130	79.9	66.2	15.6	15.0	16.6	17.7	7.000	25
26	6.300	29.9	17.6	72.9	132	63.6	62.2	15.7	15.0	20.2	17.0	6.900	26
27	6.800	25.9	16.0	66.4	108	61.0	72.5	16.3	16.2	25.6	16.6	6.600	27
28	7.200	22.5	19.0	48.5	144	70.6	64.9	19.1	14.3	24.7	16.2	6.700	28
29	6.950		18.3	49.3	179	81.5	50.7	20.3	12.9	20.1	14.6	6.600	29
30	6.700		22.0	64.0	201	130	51.3	22.5	12.0	21.8	13.5	6.900	30
31	6.600		22.4		197		48.6	20.9		96.9		7.000	31
TOTAL	194.87	356.74	683.0	1 114.3	2 636.8	3 142.9	3 066.6	887.6	824.9	496.71	859.9	277.82	TOTAL
MEAN	6.28	12.7	22.0	37.1	85.0	105	98.9	28.6	27.5	16.0	28.7	8.96	MEAN
MAX	7.20	31.7	44.5	95.3	201	181	353	61.2	79.9	96.9	62.7	12.2	MAX
MIN	5.80	6.15	13.7	17.2	45.7	61.0	48.6	15.6	12.0	8.65	13.5	6.60	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 39.9
MAXIMUM DAILY, 353 ON JUL 12
MINIMUM DAILY, 5.800 ON JAN 2
MAXIMUM INSTANTANEOUS,
410 AT 09:04 PST ON JUL 12

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 15 45 N
LONG 118 56 46 W
DRAINAGE AREA, 805 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	16 800	JUL	265 000
FEB	30 800	AUG	76 700
MAR	59 000	SEP	71 300
APR	96 300	OCT	42 900
MAY	228 000	NOV	74 300
JUN	272 000	DEC	24 000

TOTAL DISCHARGE, 1 260 000 dam³

SHARP CREEK ON MEARES ISLAND - STATION NO. 08HC003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	...	...	...	0.893	0.022	0.016	0.646	0.063	0.053	0.026	...	...	1
2	...	...	...	0.824	0.022	0.016	0.166	0.068	0.064	0.023	...	...	2
3	...	...	...	0.266	0.023	0.016	0.093	0.261	0.080	0.062	...	...	3
4	...	...	...	0.113	0.022	0.016	0.327	0.105	0.059	0.045	...	...	4
5	...	...	...	0.076	0.022	0.016	0.132	0.076	0.042	0.029A	...	...	5
6	...	...	...	0.056	0.124	0.017	0.094	0.065	0.618	...	...	...	6
7	...	...	...	0.045	0.015	0.016	0.094	0.058	0.145	...	...	...	7
8	...	...	...	0.034	0.366	0.016	0.084	0.048	0.080	...	...	...	8
9	...	...	...	0.033	0.151	0.769	0.066	0.040	0.081	...	...	...	9
10	...	...	...	0.046	0.082	0.903	0.390	0.037	0.376	...	...	...	10
11	...	...	...	0.040	0.058	0.313	2.06	0.036	0.171	...	...	...	11
12	...	...	...	0.036	0.042	0.110	0.614	0.030	0.091	...	...	...	12
13	...	...	...	0.035	0.035	0.067	0.883	0.029	0.072	...	...	...	13
14	...	...	...	0.031	0.035	0.248	0.586	0.026	0.061	...	...	...	14
15	...	...	...	0.028	0.030	0.534	0.206	0.027	0.046	...	...	...	15
16	...	...	...	0.026	0.026	0.133	0.115	0.026	0.053	...	...	...	16
17	...	...	...	0.025	0.031	0.776	0.085	0.025	0.043	...	...	...	17
18	...	...	...	0.024	0.025	0.364	0.072	0.024	0.050	...	...	...	18
19	...	...	...	0.023	0.025	0.136	0.060	0.024	0.043	...	...	...	19
20	...	...	...	0.028	0.023	0.076	0.051	0.022	0.033	...	...	...	20
21	...	...	...	0.037	0.022	0.058	0.053	0.022	0.029	...	...	...	21
22	...	...	...	0.026	0.020	0.048	0.046	0.022	0.026	...	...	...	22
23	...	...	...	0.024	0.020	0.119	0.038	0.022	0.025	...	...	...	23
24	...	...	...	0.118	0.018	0.090	0.033	0.021	0.025	...	...	...	24
25	...	...	...	0.081	0.018	0.319	0.030	0.021	0.024	...	...	...	25
26	...	...	...	0.058	0.017	0.170	0.476	0.021	0.180	...	...	...	26
27	...	...	...	0.036	0.017	0.086	1.60	0.020	0.059	...	...	...	27
28	...	...	...	0.027	0.017	0.059	0.331	0.062	0.036	...	...	...	28
29	...		1.17 A	0.024	0.017	0.163	0.176	0.242	0.028	...	...	...	29
30	...		0.703	0.022	0.017	0.101	0.098	0.150	0.026	...	...	...	30
31	...		0.261		0.016		0.076	0.075		...		...	31
TOTAL	...	...	...	3.180	2.273	5.772	9.446	3.226	2.880	...	...	...	TOTAL
MEAN	...	...	...	0.106	0.073	0.192	0.305	0.104	0.096	...	...	...	MEAN
MAX	...	...	...	0.893	0.366	0.903	2.06	0.261	0.618	...	...	...	MAX
MIN	...	...	...	0.022	0.015	0.016	0.030	0.020	0.024	...	...	...	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 0.016 ON MAY 31

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 10 50 N
LONG 125 51 55 W
DRAINAGE AREA, 7.60 km²
A - MANUAL GAUGE

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	...	JUL	816
FEB	...	AUG	279
MAR	...	SEP	249
APR	275	OCT	...
MAY	196	NOV	...
JUN	499	DEC	...

SHATFORD CREEK NEAR PENTICTON - STATION NO. 08NM037

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.093	0.085	0.104	0.115	1.16	4.69	0.753	0.415	0.133	0.095	0.117	0.037B	1
2	0.091	0.085	0.102	0.115	1.18	4.40	1.09	0.383	0.239	0.103	0.178	0.040B	2
3	0.089	0.088	0.101	0.114	1.15	3.68	0.970	0.363	0.174	0.098	0.184	0.041B	3
4	0.088	0.071	0.102	0.114	1.16	3.01	0.767	0.332	0.161	0.103	0.217	0.041B	4
5	0.089	0.065	0.096	0.117	1.29	2.59	0.697	0.303	0.125	0.106	0.163	0.040B	5
6	0.087	0.076	0.099	0.121	1.49	2.31	0.684	0.273	0.122	0.101	0.150	0.041B	6
7	0.093	0.081	0.103	0.132	1.46	2.10	0.658	0.243	0.113	0.099	0.129	0.041B	7
8	0.126	0.088	0.104	0.134	1.35	1.80	0.784	0.263	0.108	0.102	0.121	0.042B	8
9	0.087	0.083	0.113	0.141	1.22	1.73	0.952	0.269	0.106	0.099	0.125	0.044B	9
10	0.102	0.075	0.163	0.136	1.10	1.64	0.740	0.304	0.189	0.098	0.133	0.047B	10
11	0.107	0.060	0.151	0.131	1.04	1.48	0.704	0.538	0.320	0.097	0.132	0.049B	11
12	0.103	0.089	0.133	0.127	1.13	1.60	0.686	0.366	0.215	0.103	0.130	0.050B	12
13	0.098	0.085	0.130	0.124	1.28	1.25	0.833	0.319	0.169	0.099	0.122	0.050B	13
14	0.095	0.082	0.119	0.125	1.46	1.18	0.780	0.265	0.173	0.093	0.128	0.049B	14
15	0.088	0.083	0.111	0.129	1.83	1.96	0.853	0.231	0.143	0.096	0.138	0.047B	15
16	0.087	0.083	0.107	0.138	1.80	1.40	0.811	0.213	0.122	0.094	0.141	0.045B	16
17	0.095	0.083	0.106	0.151	1.86	1.35	0.719	0.181	0.117	0.107	0.142	0.043B	17
18	0.093	0.090	0.105	0.180	1.50	1.22	0.825	0.160	0.121	0.108	0.131	0.040B	18
19	0.092	0.066	0.105	0.246	1.53	1.10	0.599	0.149	0.121	0.112	0.118	0.037B	19
20	0.090	0.085	0.105	0.305	2.16	1.04	0.699	0.136	0.118	0.108	0.128	0.034B	20
21	0.089	0.085	0.108	0.379	3.02	1.07	0.615	0.127	0.121	0.106	0.124	0.032B	21
22	0.089	0.087	0.107	0.468	3.41	1.02	0.555	0.116	0.118	0.119	0.116	0.031B	22
23	0.087	0.084	0.110	0.627	3.83	1.09	0.536	0.112	0.111	0.130	0.112	0.030B	23
24	0.087	0.121	0.110	1.09	4.27	1.14	0.546	0.106	0.103	0.109	0.112	0.031B	24
25	0.088	0.126	0.109	1.21	4.38	1.01	0.629	0.106	0.096	0.115	0.115	0.035B	25
26	0.092	0.116	0.108	0.995	5.34	0.910	0.626	0.105	0.094	0.111	0.106	0.040B	26
27	0.104	0.108	0.119	0.880	6.12	0.837	0.549	0.103	0.090	0.106	0.110	0.041B	27
28	0.086	0.105	0.113	0.885	6.40	0.764	0.584	0.107	0.093	0.095	0.106	0.038B	28
29	0.087		0.114	0.913	6.73	0.823	0.493	0.112	0.095	0.099	0.096	0.050B	29
30	0.086		0.118	1.09	7.43	0.813	0.441	0.115	0.098	0.098	0.072	0.062B	30
31	0.085		0.118		5.19		0.396	0.101		0.105		0.074B	31
TOTAL	2.898	2.466	3.491	11.412	83.93	50.877	21.847	5.950	4.070	3.220	3.877	1.332	TOTAL
MEAN	0.094	0.089	0.113	0.380	2.71	1.70	0.698	0.224	0.136	0.104	0.129	0.043	MEAN
MAX	0.126	0.126	0.163	1.21	7.43	4.69	1.09	0.538	0.320	0.130	0.217	0.074	MAX
MIN	0.085	0.065	0.096	0.114	1.04	0.764	0.396	0.101	0.090	0.093	0.072	0.030	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.537
MAXIMUM DAILY, 7.43 ON MAY 30
MINIMUM DAILY, 0.030B ON DEC 23
MAXIMUM INSTANTANEOUS,
12.2 AT 21:02 PST ON MAY 29

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 25 42 N
LONG 119 45 00 W
DRAINAGE AREA, 101 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	250	JUL	1 870
FEB	215	AUG	500
MAR	302	SEP	352
APR	986	OCT	278
MAY	7 250	NOV	335
JUN	4 400	DEC	114

TOTAL DISCHARGE, 17 000 dam³

SHAWNIGAN CREEK NEAR MILL BAY - STATION NO. 08HA033

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.90	5.20	7.90	3.25	0.070	0.052	0.330	0.570	0.270	0.220	0.820	9.40	1
2	5.90	5.00	7.70	3.28	0.070	0.056	0.330	0.510	0.120	0.220	0.900	6.15	2
3	5.90	4.80	7.10	3.11	0.068	0.056	0.330	0.510	0.120	0.230	1.21	7.88	3
4	7.60	4.16	6.30	2.94	0.060	0.054	0.330	0.480	0.104	0.230	1.21	7.10	4
5	8.90	3.98	5.90	2.77	0.078	0.052	0.330	0.420	0.080	0.220	1.08	8.80	5
6	9.03	3.78	5.58	2.60	0.078	0.052	0.270	0.220	0.080	0.220	1.14	5.70	6
7	9.03	3.62	5.30	2.43	0.060	0.050	0.270	0.220	0.072	0.220	1.21	6.08	7
8	11.5	3.45	5.50	2.14	0.060	0.050	0.270	0.220	0.060	0.220	1.14	6.30	8
9	11.5	3.62	6.20	1.83	0.060	0.048	0.306	0.185	0.060	0.220	1.33	6.70	9
10	12.5	3.88	6.90	1.83	0.070	0.050	0.318	0.120	0.120	0.230	1.57	6.78	10
11	12.7	5.08	6.28	1.83	0.070	0.058	0.354	0.075	0.100	0.230	2.05	6.50	11
12	11.8	7.30	6.06	1.72	0.070	0.060	0.390	0.070	0.060	0.220	1.81	6.30	12
13	10.8	9.03	6.10	1.87	0.068	0.060	0.510	0.073	0.060	0.220	1.76	6.50	13
14	10.0	8.53	7.30	1.91	0.068	0.056	0.510	0.073	0.078	0.220	1.87	6.50	14
15	9.15	8.15	7.30	1.83	0.210	0.056	0.498	0.075	0.072	0.270	2.84	6.50	15
16	8.15	6.28	7.10	1.69	0.120	0.058	0.498	0.070	0.070	0.390	6.40	6.02	16
17	7.80	9.02	6.70	1.57	0.060	0.064	0.486	0.060	0.070	0.450	7.20	5.90	17
18	7.10	9.78	6.30	1.50	0.078	0.070	0.450	0.054	0.072	0.426	8.03	5.70	18
19	6.80	10.4	5.90	1.33	0.070	0.080	0.510	0.045	0.078	0.426	10.8	5.36	19
20	6.80	9.40	5.50	1.23	0.070	0.080	0.510	0.120	0.078	0.450	14.5	4.50	20
21	5.90	8.15	5.10	1.14	0.068	0.060	0.786	0.170	0.112	0.498	12.7	4.32	21
22	5.30	8.40	4.90	0.852	0.068	0.052	0.630	0.120	0.130	0.498	11.2	3.82	22
23	5.10	13.5	4.70	0.820	0.068	0.058	0.600	0.060	0.170	0.510	10.0	3.78	23
24	4.70	12.9	4.32	0.510	0.060	0.050	0.630	0.070	0.220	0.510	14.7	3.28	24
25	5.10	12.0	4.14	0.220	0.056	0.052	0.630	0.068	0.220	0.510	14.5	3.14	25
26	5.40	11.2	3.82	0.170	0.058	0.050	0.600	0.068	0.220	0.510	14.1	2.90	26
27	5.70	9.90	3.28	0.080	0.052	0.050	0.750	0.068	0.220	0.570	11.5	2.63	27
28	6.40	8.78	2.94	0.070	0.050	0.050	0.786	0.070	0.220	0.678	12.0	2.60	28
29	5.90		2.94	0.070	0.050	0.056	0.690	0.060	0.220	0.620	11.4	2.94	29
30	5.80		3.11	0.070	0.050	0.270	0.630	0.072	0.220	0.636	10.0	3.20	30
31	5.70		3.18		0.050		0.630	0.060		0.900		2.90	31
TOTAL	241.18	212.77	177.16	46.782	2.310	1.874	15.220	5.126	3.606	12.352	191.350	165.56	TOTAL
MEAN	7.78	7.60	5.71	1.56	0.075	0.062	0.491	0.165	0.120	0.398	6.38	5.34	MEAN
MAX	12.7	13.5	8.28	3.28	0.210	0.270	0.786	0.570	0.270	0.900	14.7	9.40	MAX
MIN	4.70	3.45	2.94	0.070	0.050	0.048	0.270	0.045	0.070	0.220	0.820	2.63	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.86
MAXIMUM DAILY, 14.7 ON NOV 24
MINIMUM DAILY, 0.045 ON AUG 19

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - MANUAL
LOCATION - LAT 48 39 29 N
LONG 123 36 06 W
DRAINAGE AREA, 91.9 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	20 800	JUL	1 320
FEB	18 400	AUG	443
MAR	15 300	SEP	337
APR	4 040	OCT	1 070
MAY	200	NOV	16 500
JUN	162	DEC	14 300

TOTAL DISCHARGE, 93 500 dam³

SHUSWAP LAKE OPPOSITE MEMORY ISLAND - STATION NO 08NA032

DAILY WATER LEVEL IN METRES FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.651	---	0.725	0.512	---	---	---	---	1
2	0.991	---	---	0.702	0.664	0.736	0.725	0.503	---	---	---	1.305	2
3	---	---	---	0.709	0.671	0.732	0.719	0.491	---	0.328	---	1.244	3
4	---	0.861	---	0.706	0.671	0.726	0.710	0.485	---	---	---	1.173	4
5	---	---	---	0.703	0.671	0.720	0.707	0.472	---	0.330	---	---	5
6	---	---	---	---	0.674	0.722	0.695	0.469	---	---	0.283	---	6
7	---	---	---	0.709	0.683	0.735	0.695	0.463	0.386	0.311	---	0.994	7
8	1.475	---	---	0.730	0.692	---	0.692	0.454	0.363	0.308	---	---	8
9	1.554	1.737	---	0.741	0.695	---	---	0.451	0.372	0.305	0.296	---	9
10	1.556	---	---	0.744	0.704	---	0.692	---	0.387	0.299	0.305	0.985	10
11	---	---	---	0.728	0.707	---	0.686	0.436	0.393	0.296	0.351	---	11
12	1.518	---	---	0.728	0.707	---	0.704	0.430	0.390	---	0.366	---	12
13	1.561	---	---	0.713	0.713	---	0.704	---	---	---	---	---	13
14	---	---	---	0.688	0.707	---	0.698	---	0.387	---	0.424	1.128	14
15	1.387	---	---	0.680	0.732	---	0.692	---	0.381	---	---	0.976	15
16	1.306	1.622	---	0.677	0.735	0.718	0.686	0.408	---	---	0.889	---	16
17	1.247	---	---	0.643	0.735	0.732	0.677	0.405	0.375	---	---	1.036	17
18	1.183	---	---	---	---	---	0.671	0.402	---	0.265	---	1.000	18
19	---	---	1.088	---	---	0.728	---	0.398	---	---	1.173	1.122	19
20	---	---	1.052	---	---	0.735	0.640	---	0.381	0.256	1.566	---	20
21	---	---	1.003	---	---	0.735	0.640	0.387	0.384	0.259	1.612	---	21
22	---	---	---	---	---	0.735	0.628	0.378	0.378	---	---	0.836	22
23	---	---	0.937	0.804	---	0.732	---	0.375	0.372	0.265	1.503	0.808	23
24	0.880	---	---	0.810	0.707	0.732	---	0.369	0.366	0.305	---	0.762	24
25	0.883	---	---	0.828	0.744	0.735	0.586	---	0.363	---	---	0.736	25
26	---	---	0.823	0.837	0.747	0.735	0.573	0.363	0.360	0.253	1.567	0.713	26
27	---	---	0.817	0.843	---	0.735	0.570	0.360	0.360	---	1.578	0.692	27
28	---	---	0.788	---	0.738	0.732	0.558	0.347	0.351	---	---	0.664	28
29	---		---	---	0.744	0.732	0.546	---	---	---	1.554	0.652	29
30	---		0.789	---	0.741	0.728	0.536	---	---	---	1.454	0.664	30
31	0.900		---		0.738		---	---		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - MANUAL
LOCATION - LAT 48 36 32 N
LONG 123 38 26 W

NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

SHUSWAP LAKE AT SALMON ARM - STATION NO 08LE070

DAILY WATER LEVEL IN METRES FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.001	0.854	1.051	1.519	2.202	3.083	3.557	3.148	1.831	1.405	1.183	1.446	1
2	0.958	0.851	1.064	1.533	2.248	3.195	3.534	3.092	1.825	1.387	1.189	1.432	2
3	0.931	0.848	1.089	1.562	2.304	3.062	3.506	3.044	1.824	1.366	1.209	1.421	3
4	0.940	0.846	1.116	1.564	2.348	3.019	3.478	2.994	1.829	1.354	1.232	1.411	4
5	0.976	0.837	1.113	1.548	2.390	2.941	3.448	2.946	1.831	1.343	1.266	1.397	5
6	0.988	0.829	1.125	1.554	2.432	3.000	3.418	2.884	1.803	1.325	1.289	1.380	6
7	0.961	0.828	1.138	1.585	2.488	3.056	3.384	2.827	1.779	1.305	1.303	1.370	7
8	0.980	0.819	1.148	1.578	2.537	3.077	3.353	2.777	1.761	1.289	1.317	1.358	8
9	0.981	0.817	1.185	1.582	2.576	3.082	3.333	2.725	1.736	1.275	1.326	1.338	9
10	0.963	0.822	1.196	1.583	2.603	3.093	3.314	2.686	1.712	1.265	1.330	1.326	10
11	0.959	0.821	1.239	1.606	2.611	3.091	3.296	2.645	1.707	1.260	1.340	1.320	11
12	0.934	0.823	1.278	1.606	2.627	3.078	3.287	2.605	1.703	1.222	1.346	1.311	12
13	0.929	0.821	1.313	1.607	2.640	3.038	3.472	2.564	1.695	1.206	1.351	1.300	13
14	0.926	0.825	1.343	1.608	2.655	3.007	3.590	2.517	1.678	1.192	1.353	1.284	14
15	0.918	0.826	1.368	1.606	2.673	3.009	3.598	2.474	1.664	1.183	1.356	1.276	15
16	0.910	0.828	1.388	1.606	2.693	3.061	3.629	2.426	1.650	1.178	1.378	1.269	16
17	0.909	0.844	1.407	1.604	2.710	3.059	3.639	2.386	1.636	1.166	1.400	1.260	17
18	0.903	0.854	1.424	1.606	2.745	3.079	3.634	2.347	1.637	1.158	1.426	1.251	18
19	0.898	0.859	1.438	1.623	2.773	3.078	3.611	2.293	1.613	1.148	1.444	1.227	19
20	0.897	0.862	1.442	1.642	2.787	3.074	3.591	2.243	1.588	1.131	1.461	1.224A	20
21	0.882	0.880	1.448	1.662	2.823	3.068	3.560	2.208	1.572	1.127	1.489	1.198E	21
22	0.881	0.903	1.453	1.722	2.858	3.035	3.539	2.168	1.554	1.123	1.474	1.180E	22
23	0.876	0.909	1.464	1.763	2.897	3.006	3.491	2.120	1.542	1.126	1.475	1.180E	23
24	0.886	0.923	1.497	1.815	2.957	2.987	3.449	2.087	1.524	1.118	1.477	1.144E	24
25	0.883	0.952	1.493	1.887	3.038	2.953	3.408	2.042	1.508	1.118	1.478	1.132E	25
26	0.882	0.982	1.474	1.968	3.087	2.918	3.384	1.988	1.498	1.118	1.478	1.126E	26
27	0.888	1.012	1.480	2.033	3.106	2.973	3.353	1.953	1.478	1.118	1.472	1.120E	27
28	0.888	1.040	1.489	2.083	3.246	3.030	3.328	1.939	1.508	1.118	1.477	1.114E	28
29	0.888		1.493	2.135	3.246	3.083	3.303	1.911	1.540	1.120	1.487	1.108E	29
30	0.883		1.501	2.182	3.454	3.078	3.331	1.880	1.423	1.118	1.480	1.100E	30
31	0.888		1.512		3.573		3.191	1.851		1.130		1.085E	31
MEAN	0.918	0.870	1.326	1.887	2.787	3.043	3.490	2.444	1.650	1.208	1.373	1.281	MEAN
MAX	1.001	1.040	1.512	2.182	3.573	3.083	3.639	3.148	1.831	1.405	1.478	1.446	MAX
MIN	0.852	0.817	1.041	1.519	2.202	2.918	3.191	1.851	1.423	1.118	1.163	1.085	MIN

SUMMARY FOR THE YEAR 1983

WATER LEVELS IN METRES

MEAN, 1.886
MAXIMUM DAILY, 3.883 ON JUN 10
MINIMUM DAILY, 0.817 ON FEB 9
MAXIMUM INSTANTANEOUS,
4.006 AT 21:07 PST ON JUN 10

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 42 23 N
LONG 119 16 53 W

A - MANUAL GAUGE

E - ESTIMATED

NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 344.220 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

SHUSWAP RIVER NEAR ENDERBY - STATION NO. 08LC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	37.2	39.9	55.0	86.3	173	370	180	119	62.6	43.1	45.3	52.4	1
2	37.1	39.8	54.2	85.9	176	376	182	114	59.1	42.8	47.0	50.4	2
3	37.2	38.5	53.8	85.6	176	374	176	107	55.6	42.0	47.8	49.6	3
4	37.3	38.2	53.4	85.1	178	368	169	103	54.6	41.8	49.9	48.2	4
5	38.2	38.4	53.2	84.2	178	351	167	99.4	53.5	41.7	54.2	47.4	5
6	38.0	38.4	53.2	86.9	180	335	168	95.3	52.9	41.2	54.2	46.5	6
7	37.8	38.5	55.0	87.1	189	331	164	93.1	52.6	40.7	53.7	46.3	7
8	38.2	38.4	83.0	87.1	193	327	167	87.7	51.3	40.4	53.1	46.1	8
9	38.2	38.2	71.0	87.3	188	324	169	85.5	50.7	39.4	52.6	45.6	9
10	40.2	38.2	64.9	87.3	187	321	168	83.8	50.8	39.4	52.3	45.1	10
11	39.9	38.2	80.4	86.1	184	307	165	83.8	52.7	39.3	54.0	44.7	11
12	39.9	39.3	86.3	85.3	187	293	160	84.0	53.1	39.0	53.5	44.4	12
13	39.9	42.9	85.8	85.1	181	276	207	82.0	52.6	38.9	52.8	44.4	13
14	39.1	42.9	84.6	86.1	180	273	219	80.0	52.1	38.9	52.1	43.7	14
15	39.0	42.6	84.2	87.3	180	279	241	77.9	51.3	38.8	55.4	43.1	15
16	38.5	47.6	84.0	87.9	180	274	255	75.9	51.0	38.4	61.3	43.1	16
17	38.5	49.1	82.0	88.3	181	287	262	74.0	50.8	38.6	61.8	41.4	17
18	38.4	51.0	81.8	90.4	184	295	258	72.8	50.7	38.6	61.3	41.2	18
19	38.2	50.1	81.5	92.7	188	282	246	70.5	49.3	38.6	59.7	40.4	19
20	38.2	51.0	82.0	95.8	186	268	233	68.4	48.8	38.3	58.0	39.5	20
21	38.0	51.5	82.2	102	185	260	217	65.9	48.5	38.3	57.8	39.0	21
22	38.1	53.1	82.2	107	197	271	200	63.5	48.0	41.4	56.7	38.1	22
23	38.0	53.6	82.2	112	203	258	187	62.4	47.2	40.4	56.9	38.08	23
24	37.6	55.0	85.3	133	212	246	177	60.5	46.7	39.8	57.0	37.78	24
25	38.0	63.5	85.1	150	233	228	169	59.2	46.3	39.8	57.3	37.28	25
26	38.4	63.2	85.3	160	242	219	164	58.1	45.9	39.8	56.7	37.08	26
27	40.6	65.6	85.8	161	263	207	163	57.0	45.6	41.1	55.9	38.8	27
28	40.7	63.5	85.6	162	265	199	162	56.4	44.8	39.9	54.8	38.5	28
29	40.7		86.1	164	300	181	160	54.6	44.7	39.8	52.4	38.18	29
30	40.6		85.9	169	333	167	132	53.4	43.4	40.1	52.4	38.08	30
31	40.4		86.1		356		124	52.1		47.4		35.68	31
TOTAL	1 200.3	1 311.5	2 374.1	3 188.8	6 478	8 815	5 803	2 400.2	1 507.2	1 248.7	1 637.3	1 312.1	TOTAL
MEAN	38.7	46.8	76.6	106	209	287	187	77.4	50.2	40.3	54.6	42.3	MEAN
MAX	40.7	65.6	86.4	169	356	376	262	119	59.1	47.4	61.6	52.4	MAX
MIN	37.1	38.2	53.2	84.2	173	167	124	52.1	43.4	38.4	48.3	35.6	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 102
MAXIMUM DAILY, 376 ON JUN 2
MINIMUM DAILY, 35.68 ON DEC 31

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - MANUAL
LOCATION - LAT 50 32 45 N
LONG 119 00 47 W
DRAINAGE AREA, 4 690 km²

B - ICE CONDITIONS

REGULATED SINCE 1940

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	104 000	JUL	501 000
FEB	113 000	AUG	207 000
MAR	205 000	SEP	130 000
APR	274 000	OCT	108 000
MAY	560 000	NOV	141 000
JUN	744 000	DEC	113 000

TOTAL DISCHARGE, 3 200 000 dam³

SIKANNI CHIEF RIVER NEAR FORT NELSON - STATION NO. 10CB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.008	4.808	4.108	4.028	14.0	76.8	87.8	45.7	19.5	17.7	8.208	5.138	1
2	6.708	5.008	4.028	4.008	12.8	67.3	121	42.6	18.8	17.4	8.088	5.228	2
3	6.188	5.068	4.148	3.858	13.3	53.1	140	40.6	18.5	16.8	7.808	5.248	3
4	5.868	4.978	4.238	4.058	12.8	44.8	113	37.1	19.4	16.4	7.498	5.208	4
5	5.558	4.728	4.058	4.288	12.4	41.3	119	34.3	20.3	16.3	7.408	5.108	5
6	5.458	4.888	3.858	4.208	12.8	37.2	99.1	32.0	20.0	15.8	6.988	4.878	6
7	5.288	4.908	3.838	4.108	14.8	34.1	85.8	30.3	19.4	15.4	6.858	4.608	7
8	5.188	4.788	3.878	4.018	17.6	32.9	85.7	28.8	18.8	15.0	6.908	4.488	8
9	5.048	4.828	4.108	3.988	16.6	27.2	83.7	27.2	18.5	14.8	6.778	4.408	9
10	4.908	4.958	4.448	4.108	19.3	45.6	74.8	25.7	18.3	13.7	6.708	4.428	10
11	4.758	4.808	4.238	4.508	18.8	68.3	68.0	25.2	17.8	13.4	6.708	4.448	11
12	4.738	4.688	4.058	4.908	18.2	72.9	61.4	24.1	16.9	13.8	6.858	4.458	12
13	4.788	4.808	3.858	5.258	17.1	69.7	56.1	23.3	16.3	13.3	6.508	4.378	13
14	4.788	4.908	3.978	5.708	16.7	64.8	52.0	23.9	16.2	12.8	6.358	4.208	14
15	4.908	4.688	4.028	6.508	17.1	61.3	48.2	22.5	15.9	12.6	6.408	4.078	15
16	4.858	4.458	4.188	6.408	17.8	60.8	45.2	21.6	15.4	11.7	6.578	3.988	16
17	4.958	4.408	4.208	6.738	18.3	54.3	44.7	22.3	15.4	10.9.8	6.608	3.858	17
18	5.008	4.588	4.128	7.008	18.9	49.9	42.4	24.7	15.0	10.8.8	6.408	3.878	18
19	5.128	4.638	4.028	6.808	19.1	79.5	40.8	25.7	15.2	11.2.8	6.108	4.008	19
20	5.238	4.778	3.988	6.908	19.2	119	38.6	26.8	14.7	10.6.8	6.038	4.058	20
21	5.288	4.588	3.828	7.308	27.1	82.0	44.2	28.0	14.3	10.3.8	5.858	4.108	21
22	5.188	4.408	3.758	7.808	29.3	63.6	52.8	26.4	13.8	10.1.8	5.708	4.028	22
23	5.008	4.588	3.708	8.038	28.4	78.6	47.6	25.0	13.4	9.818	5.728	3.948	23
24	4.958	4.758	3.728	8.408	26.7	78.3	42.7	23.9	13.3	9.508	5.608	3.888	24
25	4.828	4.708	3.758	9.008	28.9	76.3	42.0	23.1	13.4	9.288	5.708	3.978	25
26	4.758	4.658	3.728	9.808	29.6	82.4	46.2	21.6	15.0	9.308	5.758	3.928	26
27	4.808	4.008	3.708	11.18	26.3	72.4	57.6	20.5	21.4	8.958	5.588	3.888	27
28	4.928	4.108	3.888	12.4	26.4	66.3	61.8	19.7	20.1	8.908	5.308	3.808	28
29	4.958		3.948	13.6	30.2	62.6	65.1	18.3	18.6	8.808	5.178	3.808	29
30	4.858		3.768	15.7	61.6	60.8	58.1	20.6	17.8	8.608	5.078	3.838	30
31	4.768		3.708		71.4		50.0	20.8		8.258		3.678	31
TOTAL	180.40	130.82	122.38	206.41	700.4	1 924.2	2 124.1	839.1	511.4	382.38	192.81	133.48	TOTAL
MEAN	5.17	4.67	3.95	6.66	22.9	64.1	68.5	27.1	17.0	12.3	6.43	4.31	MEAN
MAX	7.00	5.06	4.44	15.7	71.4	119	140	45.7	21.4	17.7	8.20	5.24	MAX
MIN	4.73	4.00	3.68	3.85	12.4	32.9	38.6	19.3	13.3	8.25	5.07	3.82	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 20.4
MAXIMUM DAILY, 140 ON JUL 3
MINIMUM DAILY, 3.668 ON MAR 29
MAXIMUM INSTANTANEOUS,
152 AT 01:21 PST ON JUL 3

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 57 14 03 N
LONG 122 41 39 W
DRAINAGE AREA, 2 160 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	13 900	JUL	184 000
FEB	11 300	AUG	72 500
MAR	10 600	SEP	44 200
APR	17 600	OCT	33 000
MAY	61 300	NOV	16 700
JUN	166 000	DEC	11 500

TOTAL DISCHARGE, 643 000 dam³

SILVERDALE CREEK NEAR MISSION - STATION NO. 08MH091

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.492	0.643	0.785	0.945	0.432	0.222	0.240	0.275	1.07	0.181	0.701	0.858	1
2	0.778	0.585	0.732	1.28	0.417	0.338	0.393	0.270	1.10	0.158	1.09	0.785	2
3	1.18	0.555	0.693	0.964	0.407	0.284	0.287	0.279	0.470	0.220	---	0.734	3
4	1.30	0.524	0.645	0.773	0.382	0.240	0.244	0.263	0.380	0.227	---	0.697	4
5	2.39	0.494	0.595	0.660	0.351	0.218	0.218	0.247	0.307	0.192	1.58	0.674	5
6	1.71	0.581	0.577	0.587	0.410	0.207	0.208	0.238	0.361	0.173	1.95	0.631	6
7	---	0.684	0.612	0.548	0.699	0.195	0.218	0.228	0.333	0.170	1.81	0.600	7
8	---	0.559	0.947	0.498	1.04	0.182	0.209	0.224	0.273	0.168	1.29	0.670	8
9	---	0.752	1.54	0.532	0.698	0.200	0.200	0.224	0.236	0.167	1.14	0.714	9
10	---	0.709	1.38	0.826	0.586	0.234	0.199	0.248	0.428	0.165	1.14	0.810	10
11	---	1.09	1.40	0.643	0.504	0.205	---	0.258	0.424	0.165	1.22	0.876	11
12	1.88	2.07	1.10	0.555	0.458	0.197	---	0.248	0.332	0.163	1.18	1.01	12
13	1.33	1.70	1.07	0.507	0.404	0.189	---	0.228	0.281	0.171	1.28	1.36	13
14	1.03	1.29	0.949	0.478	0.378	0.184	---	0.215	0.257	0.185	---	1.43	14
15	0.883	1.13	0.788	0.440	0.415	0.230	---	0.208	0.237	0.165	---	1.17	15
16	0.794	1.37	0.707	0.463	0.373	0.232	1.36	0.201	0.221	0.188	---	0.970	16
17	0.748	2.14	0.646	0.423	0.374	0.609	0.917	0.200	0.223	0.248	---	0.824	17
18	0.781	1.73	0.591	0.380	0.432	0.423	0.679	0.193	0.220	0.221	---	0.731	18
19	0.697	1.74	0.552	0.370	0.354	0.420	0.577	0.185	0.201	0.226	---	0.6928	19
20	0.784	---	0.526	0.402	0.327	0.403	0.549	0.186	0.198	0.345	---	0.6548	20
21	0.701	1.72	0.511	0.465	0.307	0.352	0.520	0.183	0.191	0.410	1.55	0.4528	21
22	0.650	1.88	0.565	0.382	0.280	0.318	0.438	0.181	0.180	0.831	1.26	0.3928	22
23	0.648	1.85	0.531	0.358	0.277	0.377	0.398	0.183	0.171	0.423	1.07	0.3508	23
24	0.884	---	0.479	0.646	0.286	0.302	0.371	0.183	0.172	0.347	---	0.3178	24
25	0.853	1.75	0.455	0.918	0.248	0.280	0.357	0.177	0.171	0.347	---	0.3398	25
26	1.09	1.38	0.416	1.46	0.234	0.295	0.348	0.169	0.217	0.340	---	0.4428	26
27	1.47	1.08	0.414	0.818	0.227	0.271	0.365	0.165	0.219	0.878	---	0.4138	27
28	0.895	0.921	0.485	0.630	0.214	0.241	0.365	0.181	0.188	0.456	1.63	0.3868	28
29	0.631		0.928	0.534	0.205	0.232	0.318	0.204	0.170	0.389	1.28	0.3178	29
30	0.788		0.777	0.464	0.200	0.215	0.297	0.230	0.162	0.984	1.01	0.3398	30
31	0.708		0.700		0.208		0.281	0.193		0.850		1.21	31
TOTAL	---	---	23.087	18.958	12.116	8.307	---	6.686	8.394	10.012	---	21.787	TOTAL
MEAN	---	---	0.745	0.632	0.391	0.277	---	0.215	0.313	0.323	---	0.702	MEAN
MAX	---	---	1.54	1.46	1.04	0.609	---	0.279	1.10	0.894	---	1.43	MAX
MIN	---	---	0.414	0.356	0.200	0.184	---	0.165	0.162	0.158	---	0.317	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 0.158 ON OCT 2

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 08 53 N
LONG 122 20 14 W
DRAINAGE AREA, 17.1 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	---
FEB	---	AUG	576
MAR	2 000	SEP	812
APR	1 640	OCT	885
MAY	1 050	NOV	---
JUN	718	DEC	1 880

SIMILKAMEEN RIVER ABOVE GOODFELLOW CREEK - STATION NO. 08NL070

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.508	1.508	2.19	2.90	12.5	61.8	13.0	6.30	2.89	1.57	2.39	0.8808	1
2	1.808	1.308	2.14	2.82	13.6	51.2	13.9	5.87	3.54	1.58	2.86	0.7008	2
3	2.008	1.058	2.14	2.78	14.2	40.8	12.1	5.21	2.86	1.83	7.38	0.6008	3
4	2.188	1.088	2.15	2.75	14.2	33.9	10.9	4.75	2.53	1.69	8.69	0.9008	4
5	2.228	1.308	2.12	2.82	15.8	30.8	11.0	4.38	2.27	1.65	5.71	1.32 B	5
6	2.288	1.758	2.10	3.03	17.0	30.2	11.0	4.30	2.09	1.59	4.74	1.38 B	6
7	2.328	2.058	2.13	3.19	15.9	33.2	9.45	4.01	2.04	1.54	4.08	1.35 B	7
8	2.508	2.308	2.18	3.11	14.6	35.2	9.38	3.97	1.97	1.49	3.86	1.30 B	8
9	2.658	1.808	2.96	3.08	13.1	32.2	8.96	4.05	1.90	1.48	3.39	1.26 B	9
10	2.828	1.588	4.23	3.00	12.0	30.3	8.14	4.21	2.30	1.44	3.21	1.32 B	10
11	3.008	1.618	4.08	2.92	12.0	24.4	8.75	5.29	3.92	1.41	3.27	1.47 B	11
12	3.408	1.888	3.86	2.84	12.3	21.2	16.0	4.78	2.85	1.38	3.28	1.66 B	12
13	2.788	1.808	3.71	2.81	13.8	19.6	16.2	3.85	2.55	1.37	3.09	1.86 B	13
14	2.488	1.858	3.58	2.87	15.5	19.5	15.1	3.51	2.30	1.38	2.88	1.82 B	14
15	2.308	1.618	3.47	3.06	14.6	22.5	13.8	3.28	2.17	1.34	3.68	1.80 B	15
16	2.188	1.798	3.39	3.46	14.3	19.8	11.5	3.05	2.04	1.33	6.38	1.80 B	16
17	2.118	1.858	3.34	3.90	14.8	25.6	11.2	2.80	2.05	1.35	6.30	1.35 B	17
18	2.108	1.858	3.29	4.93	14.8	21.6	10.6	2.78	2.13	1.38	4.45	1.07 B	18
19	2.148	1.798	3.24	6.25	16.4	17.3	10.0	2.80	2.05	1.40	3.93	0.9008	19
20	2.188	1.718	3.19	7.82	22.9	14.9	12.1	2.47	1.98	1.55	3.89	0.8808	20
21	2.178	1.688	3.19	8.49	31.9	13.7	10.0	2.32	1.87	1.55	3.47	0.4808	21
22	2.108	1.728	3.16	8.96	37.6	13.2	9.15	2.21	1.83	3.05	3.27	0.4408	22
23	2.058	1.818	3.09	10.1	44.4	16.1	8.81	2.32	1.88	2.91	3.10	0.4358	23
24	2.008	2.008	3.08	12.4	51.5	18.1	8.80	3.05	1.81	2.17	3.01	0.4808	24
25	1.928	2.228	3.01	12.7	58.5	14.7	8.23	2.47	1.75	2.03	2.95	0.7008	25
26	1.988	2.228	2.95	11.1	59.7	14.3	7.80	2.22	1.85	2.05	2.80	0.8808	26
27	1.858	2.208	2.82	10.1	58.8	13.9	7.08	2.12	1.72	2.07	2.70	1.08 B	27
28	1.728	2.20	2.82	9.99	62.7	14.0	6.81	2.17	1.70	1.98	2.63	1.20 B	28
29	1.688		2.84	10.3	76.4	16.7	6.48	3.40	7.84	1.88	2.23	1.30 B	29
30	1.628		3.07	11.9	78.9	14.9	6.17	3.26	1.80	1.83	1.67	1.45 B	30
31	1.808		2.97		73.1		6.11	2.17		2.43		1.60 B	31
TOTAL	67.68	49.82	92.72	176.17	828.1	735.8	318.30	107.31	66.20	53.45	113.52	34.675	TOTAL
MEAN	2.18	1.77	2.99	5.87	30.0	24.8	10.3	3.46	2.21	1.72	3.78	1.12	MEAN
MAX	3.40	2.30	4.23	12.7	78.9	61.8	16.1	6.30	3.92	3.05	8.69	1.86	MAX
MIN	1.50	1.05	2.10	2.78	12.0	13.2	6.11	2.12	1.60	1.33	1.67	0.435	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.52
MAXIMUM DAILY, 78.9 ON MAY 30
MINIMUM DAILY, 0.4358 ON DEC 23
MAXIMUM INSTANTANEOUS,
83.6 AT 21:20 PST ON MAY 29

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 05 59 N
LONG 120 38 55 W
DRAINAGE AREA, 407 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	5 850	JUL	27 500
FEB	4 280	AUG	9 270
MAR	8 010	SEP	5 730
APR	15 200	OCT	4 630
MAY	80 300	NOV	5 810
JUN	63 500	DEC	3 000

TOTAL DISCHARGE, 237 000 dam³

SIMILKAMEEN RIVER AT PRINCETON - STATION NO. 08NL005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.00B	4.20B	6.65B	7.56	42.0	230	50.7	22.8 E	7.98	3.95	5.37	2.82	1
2	4.50B	3.70B	6.80B	7.60	47.6	203	50.4	21.8 E	13.6	3.94	4.76	1.65	2
3	5.00B	3.20B	6.75	7.38	48.5	174	48.9	19.8 E	12.1	4.01	10.3	1.75B	3
4	5.60B	3.40B	6.64	7.55	46.0	151	45.2	18.4 E	9.81	4.22	25.8	2.00B	4
5	5.65B	3.80B	6.46	7.43	53.3	131	44.1	16.5 E	8.11	4.33	16.5	3.25B	5
6	5.75B	4.20B	6.70	7.80	54.2	122	44.2	15.5 E	7.10	4.21	12.6	3.38B	6
7	6.00B	4.80B	6.87	8.11	56.4	127	41.6	14.6 E	6.59	3.96	11.1	3.30B	7
8	6.40B	5.60B	6.84	8.14	55.5	132	38.4	14.0 E	6.26	3.83	9.44	3.21B	8
9	6.80B	5.00B	7.42	8.02	50.5	130	38.6	15.0 E	5.86	3.76	8.34	3.18B	9
10	7.30B	4.00B	8.58	7.93	42.4	112	38.7	14.9 E	5.96	3.89	7.70	3.25B	10
11	7.80E	4.20B	10.2	7.76	42.5	97.0	35.4	18.8 E	9.75	3.58	7.43A	3.50B	11
12	8.40B	4.40B	9.28	7.56	41.6	82.1	44.8	21.0 E	10.7	3.53	7.80E	3.80B	12
13	7.60B	4.80B	8.93	7.38	41.6	72.5	46.6	17.5 E	8.53	3.49	7.60E	3.95B	13
14	8.60B	5.10B	8.63	7.47	52.0	67.4	48.1	14.7 E	7.38	3.50	7.00E	3.88B	14
15	8.10B	4.85B	8.37	7.85	48.7	72.8	41.7	13.2 E	6.48	3.44	8.20E	3.85B	15
16	5.70B	4.80B	8.21	8.14	53.0	70.8	38.5	11.8 E	5.82	3.39	10.8 A	3.60B	16
17	5.45B	5.00B	7.98	8.92	50.9	72.8	37.5	11.0 E	5.58	3.35	10.3	3.10B	17
18	5.55B	5.20B	8.01	11.0	50.1	72.2	36.2	10.4 A	5.62	3.44	9.08	2.70B	18
19	5.80B	5.10B	7.94	14.8	53.0	65.1	34.7	9.48	5.77	3.45	8.13	2.45B	19
20	5.80B	5.00B	7.82	21.1	72.1	60.9	34.0A	8.77	5.57	3.53	7.44	1.85B	20
21	5.55B	4.90B	7.64	27.3	108	57.4	36.0E	8.20	5.43	3.72	7.28	1.50B	21
22	5.40B	4.85B	7.82	30.5	124	55.6	33.0E	7.47	5.31	4.10	8.71	1.28B	22
23	5.20B	5.40B	8.23	36.4	148	56.3	31.2E	7.17	5.14	4.80	8.68	1.28B	23
24	5.00B	6.00B	8.05	46.1	177	62.1	34.2E	8.88	4.83	5.30	8.30	1.45B	24
25	4.80B	6.80B	7.76	47.7	180	56.5	34.2E	9.20	4.55	4.98	8.08	1.90B	25
26	4.83B	6.60B	7.82	43.3	196	54.3	32.4E	8.55	4.39	4.70	8.06	2.30B	26
27	4.93B	6.60B	7.83	38.3	203	53.7	29.0E	8.27	4.34	4.81	5.87	2.50B	27
28	4.85B	6.70B	7.80	40.0	213	52.7	27.0E	7.84	4.24	4.80	5.79	2.75B	28
29	4.80B		7.40	37.4	251	56.1	24.8E	7.57	4.18	4.37	5.34	3.00B	29
30	4.40B		7.78	38.2	282	54.9	23.4E	7.82	4.03	4.31	4.06	3.25B	30
31	4.35B		7.73		282		22.4E	7.43		4.27		3.60B	31
TOTAL	175.41	138.28	240.80	585.10	3 151.9	2 804.1	1 182.9	397.83	200.81	129.56	285.39	85.37	TOTAL
MEAN	5.66	4.94	7.77	18.8	102	93.5	37.5	12.8	6.69	4.18	8.51	2.75	MEAN
MAX	8.40	6.80	10.2	47.7	282	230	50.7	22.8	13.6	5.80	25.8	3.95	MAX
MIN	4.00	3.20	6.46	7.38	41.6	52.7	22.4	7.17	4.03	3.35	4.06	1.28	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 25.5
MAXIMUM DAILY, 282 ON MAY 30
MINIMUM DAILY, 1.28B ON DEC 22
MAXIMUM INSTANTANEOUS,
307 AT 04:15 PST ON MAY 30

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 26 47 N
LONG 120 31 17 W
DRAINAGE AREA, 1 850 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	15 200	JUL	102 000
FEB	11 900	AUG	34 400
MAR	20 800	SEP	17 300
APR	48 800	OCT	11 200
MAY	272 000	NOV	22 100
JUN	242 000	DEC	7 380

TOTAL DISCHARGE, 803 000 dam³

SIMILKAMEEN RIVER NEAR HEDLEY - STATION NO. 08NL038

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	8.20B	12.1	15.1	22.1	131	318	84.5	31.5	13.2	10.0	12.5	9.00	1
2	9.20B	11.6	15.0	21.9	138	268	70.0	30.3	19.3	9.85	13.6	8.70B	2
3	10.2 B	10.6	15.1	21.6	137	218	70.0	27.9	20.1	9.68	17.7	8.30B	3
4	11.9 B	9.85	15.2	21.4	125	182	60.4	26.0	16.9	9.88	43.0	8.20B	4
5	14.1 B	10.8 B	14.7	21.5	142	182	56.2	24.1	15.0	10.6	34.4	8.40B	5
6	14.7 B	11.9 B	14.7	22.5	154	150	55.5	22.7	14.0	10.4	26.4	10.8 B	6
7	14.6 B	12.8 B	14.8	24.0	147	153	52.9	21.5	13.4	9.93	22.7	10.7 B	7
8	16.0 B	13.4 B	14.8	24.8	137	154	48.6	20.7	13.1	9.88	20.2	10.4 B	8
9	18.0 B	11.4	15.8	24.8	123	152	51.4	21.5	12.6	9.48	18.5	10.0 B	9
10	20.4 B	11.3	20.1	24.7	115	140	46.5	21.3	12.8	9.36	17.5	10.1 B	10
11	22.3 B	11.7	23.7	24.0	115	128	43.8	25.6	17.2	9.20	16.9	10.9 B	11
12	24.9 B	11.8	23.6	23.8	117	109	88.5	28.6	22.1	9.20	17.1	11.8 B	12
13	22.5 B	12.4	23.4	23.1	123	86.9	78.0	24.6	17.9	9.07	18.6	11.2 B	13
14	20.0 B	12.7	23.0	23.1	137	80.8	91.2	21.2	15.7	9.04	16.0	11.2 B	14
15	18.0 B	12.1	22.2	23.8	135	97.9	80.9	18.3	14.5	8.99	15.9	11.2 B	15
16	17.0 B	12.0	21.8	26.0	135	94.0	69.3	17.8	13.4	8.88	19.8	11.0 B	16
17	16.0 B	12.1	21.4	28.4	137	86.4	65.6	16.7	12.8	8.88	24.5	8.80B	17
18	15.6 B	13.1	21.0	35.3	138	104	60.6	15.9	12.9	8.72	21.8	7.20B	18
19	15.4 B	13.6	20.8	45.0	141	85.5	55.0	15.3	12.9	8.95	20.3	6.30B	19
20	15.2 B	12.6	20.6	58.9	171	76.4	58.3	14.4	12.6	8.97	18.7	5.60B	20
21	15.0 B	12.6	20.9	68.6	228	70.8	55.5	13.8	12.4	9.31	17.8	5.00B	21
22	14.2 B	12.6	21.0	74.5	249	68.6	49.5	13.3	12.5	9.08	16.8	4.60B	22
23	13.8 B	13.3	21.2	85.3	273	70.2	48.0	12.8	12.0	18.5	16.0	4.60B	23
24	13.0 B	14.4	21.0	111	288	84.9	48.1	12.8	11.8	14.5	15.8	5.00B	24
25	12.8 B	15.6	20.9	126	332	74.6	47.8	14.0	11.1	12.4	15.6	6.00B	25
26	13.1 B	15.9	20.8	112	320	68.9	44.7	13.9	10.7	12.2	15.4	7.50B	26
27	13.6	15.8	21.0	103	312	65.7	40.8	13.4	10.8	12.6	15.1	8.50B	27
28	12.9	15.2	20.9	101	323	68.1	38.2	12.9	10.8	12.5	14.9	9.40B	28
29	12.4		20.8	105	374	68.7	35.4	12.9	10.5	11.7	14.1	10.2 B	29
30	13.4		22.1	120	406	73.0	33.1	13.1	10.3	11.1	11.3	11.0 B	30
31	13.4		22.4		374		31.7	12.8		10.8		11.9 B	31
TOTAL	470.00	384.35	668.3	1 544.0	6 185	3 588.4	1 734.8	592.3	414.8	321.91	568.9	288.50	TOTAL
MEAN	15.2	12.7	18.7	51.5	200	120	55.3	19.1	13.8	10.4	18.9	9.66	MEAN
MAX	24.9	15.9	23.7	126	406	318	91.2	31.5	22.1	18.5	43.0	11.8	MAX
MIN	8.20	9.85	14.7	21.4	115	86.1	31.7	12.8	10.3	8.88	11.3	4.80	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 45.8
MAXIMUM DAILY, 406 ON MAY 30
MINIMUM DAILY, 4.80B ON DEC 22
MAXIMUM INSTANTANEOUS,
486 AT 03:30 PST ON MAY 30

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 22 39 N
LONG 120 09 06 W
DRAINAGE AREA, 5 590 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	40 800	JUL	148 000
FEB	30 600	AUG	61 200
MAR	82 600	SEP	35 800
APR	133 000	OCT	27 600
MAY	534 000	NOV	49 000
JUN	310 000	DEC	23 200

TOTAL DISCHARGE, 1 440 000 dam³

SIMILKAMEEN RIVER NEAR NIGHTHAWK - STATION NO. 08NL022

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	10.9	20.3	22.9	31.1	151	538	115	58.0	24.6	19.2	18.8	19.1	1
2	11.6	19.6	22.9	31.1	160	487	112	57.2	26.7	19.0	21.2	15.1	2
3	13.6	19.2	22.9	30.9	167	422	124	54.1	34.0	18.9	22.4	14.0	3
4	16.1	17.8	22.9	30.6	168	380	111	50.7	33.1	18.7	27.7	13.6	4
5	17.5	15.9	22.7	30.3	171	311	101	47.9	29.7	18.6	47.9	15.6	5
6	17.3	15.7	22.3	30.8	182	270	97.1	44.7	27.5	19.1	41.6	16.0	6
7	17.4	16.8	22.5	32.6	189	265	96.0	42.2	25.9	19.0	35.7	14.9	7
8	18.7	17.9	22.3	34.5	184	261	91.5	40.2	24.0	18.5	32.2	14.2	8
9	20.6	18.9	22.7	36.5	176	258	84.3	38.4	24.4	18.2	29.7	12.9	9
10	23.2	18.2	24.1	36.5	166	238	83.2	39.6	24.0	18.2	26.8	15.5	10
11	27.2	18.2	27.0	36.5	159	228	85.6	43.9	24.8	18.2	26.1	18.1	11
12	31.1	18.5	31.1	35.4	159	203	85.0	54.1	30.3	18.1	26.8	18.6	12
13	35.4	18.3	32.3	34.3	163	183	110	51.8	32.8	18.1	26.5	18.0	13
14	31.1	18.7	32.3	34.0	172	169	110	46.6	29.2	17.6	26.1	18.5	14
15	28.0	18.8	33.0	34.0	181	173	116	41.1	26.9	17.2	25.4	16.5	15
16	25.4	18.8	31.4	34.3	180	182	110	37.9	25.4	16.5	25.3	18.7	16
17	24.6	18.6	30.9	36.5	184	166	101	35.7	24.2	16.8	28.6	12.7 B	17
18	24.6	18.5	30.6	38.6	186	176	88.3	33.7	23.5	16.3	32.6	9.910	18
19	24.5	19.2	30.3	45.6	186	163	81.7	31.7	23.6	15.9	31.1	8.500	19
20	24.0	19.0	30.0	55.8	200	145	88.3	30.3	23.7	16.1	29.7	7.080	20
21	23.8	18.8	30.0	66.0	243	134	80.3	28.9	23.3	16.3	28.2	6.510	21
22	23.4	18.8	30.0	78.4	286	127	85.8	27.8	23.0	16.6	27.4	6.230	22
23	22.9	19.0	30.3	88.9	317	123	78.0	25.8	22.7	17.3	26.2	5.660	23
24	22.2	18.8	30.6	102	367	121	77.3	25.9	22.2	22.1	26.0	7.080	24
25	21.8	21.7	30.0	120	394	127	82.1	25.8	21.6	21.7	26.6	6.500	25
26	22.1	23.3	29.4	134	425	123	82.7	27.1	21.0	20.2	25.0	11.3 B	26
27	23.6	23.3	30.0	130	436	118	77.8	26.3	20.3	19.7	24.4	12.5 B	27
28	22.9	23.1	30.0	128	460	113	72.5	25.9	19.8	18.8	24.4	14.2 B	28
29	21.8		30.0	127	479	110	69.1	25.4	19.7	19.5	23.8	15.0 B	29
30	21.1		30.0	135	535	123	64.6	25.2	19.5	19.1	22.8	17.6	30
31	20.7		30.9		572		60.6	25.1		18.7		18.8	31
TOTAL	689.8	534.7	868.2	1 627.0	7 978	6 449	2 874.6	1 170.1	752.1	570.2	830.9	426.07	TOTAL
MEAN	22.2	19.1	28.0	54.2	257	215	92.7	37.7	25.1	18.4	27.7	13.7	MEAN
MAX	35.4	23.3	33.0	135	572	538	124	58.0	34.0	22.1	47.9	19.1	MAX
MIN	10.9	15.7	22.3	30.3	151	110	60.6	25.1	19.5	15.9	18.8	5.66	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 68.4
MAXIMUM DAILY, 572 ON MAY 31
MINIMUM DAILY, 5.660 ON DEC 23
MAXIMUM INSTANTANEOUS,
580 AT 19:00 PST ON MAY 31

SUMMARY FOR THE YEAR 1983

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 59 05 N
LONG 119 37 02 W
DRAINAGE AREA, 9 190 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	59 600	JUL	248 000
FEB	46 200	AUG	101 000
MAR	75 000	SEP	65 000
APR	141 000	OCT	49 300
MAY	689 000	NOV	72 000
JUN	557 000	DEC	36 800

TOTAL DISCHARGE, 2 140 000 dam³

SIMPSON CREEK AT THE MOUTH - STATION NO. 08EE012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.0078	0.0078	0.0088	0.010	0.517	1.52	0.662	0.346	0.114	0.153	0.100E	0.0318	1
2	0.0078	0.0078	0.0088	0.012	0.481	4.21	0.586	0.284	0.106	0.153	0.097E	0.0298	2
3	0.0078	0.0078	0.0088	0.013	0.415	1.91	0.535	0.270	0.137	0.146	0.100E	0.0268	3
4	0.0078	0.0078	0.0088	0.020	0.331	0.961	0.526	0.220	0.124	0.141	0.110E	0.0258	4
5	0.0078	0.0078	0.0088	0.027	0.282	0.855	0.514	0.202	0.093	0.131	0.108E	0.0238	5
6	0.0078	0.0078	0.0088	0.045	0.268	0.530	0.456	0.228	0.134	0.118	0.101E	0.0228	6
7	0.0088	0.0078	0.0088	0.057	0.307	0.522	1.01	0.221	0.120	0.097	0.095E	0.0218	7
8	0.0088	0.0078	0.0088	0.073	0.405	0.683	0.746	0.227	0.100	0.088	0.092E	0.0208	8
9	0.0088	0.0078	0.0088	0.064	0.362	0.650	0.733	0.228	0.085	0.081	0.089E	0.0198	9
10	0.0088	0.0078	0.0088	0.049	0.295	0.663	0.684	0.278	0.080	0.073	0.087E	0.0188	10
11	0.0088	0.0078	0.0088	0.040	0.290	0.728	0.665	0.272	0.078	0.070	0.085E	0.0188	11
12	0.0088	0.0078	0.0088	0.035	0.351	0.626	0.602	0.203	0.089	0.068	0.084E	0.0178	12
13	0.0088	0.0078	0.0088	0.034	0.530	0.586	0.519	0.172	0.249	0.073	0.083E	0.0178	13
14	0.0088	0.0088	0.0088	0.035	0.659	0.613	0.567	0.166	0.369	0.070	0.084E	0.0168	14
15	0.0088	0.0088	0.0088	0.035	0.656	0.595	0.617	0.182	0.272	0.069	0.085E	0.0168	15
16	0.0088	0.0088	0.0088	0.033	0.718	0.654	0.717	0.373	0.240	0.065	0.090E	0.0158	16
17	0.0088	0.0088	0.0088	0.048	0.642	0.503	0.602	0.426	0.213	0.058	0.082E	0.0158	17
18	0.0088	0.0088	0.0088	0.052	0.477	0.521	0.616	0.277	0.182	0.060	0.085E	0.0148	18
19	0.0088	0.0088	0.0088	0.052	0.538	0.505	0.561	0.227	0.159	0.056	0.080E	0.0138	19
20	0.0088	0.0088	0.0088	0.049	1.22	0.500	0.456	0.212	0.224	0.056	0.072E	0.0138	20
21	0.0088	0.0088	0.0088	0.065	0.905	0.533	0.472	0.182	0.376	0.064	0.066E	0.0138	21
22	0.0088	0.0088	0.0088	0.059	0.770	0.841	0.336	0.187	0.353	0.066	0.063E	0.0138	22
23	0.0078	0.0088	0.0088	0.056	0.700	0.888	0.276	0.184	0.302	0.074	0.060E	0.0128	23
24	0.0078	0.0088	0.0088	0.074	0.739	0.782	0.253	0.171	0.218	0.069	0.055E	0.0118	24
25	0.0078	0.0088	0.0088	0.150	0.684	0.713	0.250	0.162	0.227	0.255	0.052E	0.0118	25
26	0.0078	0.0088	0.0088	0.215	0.502	0.899	0.380	0.130	0.280	0.253	0.049E	0.0118	26
27	0.0078	0.0088	0.0088	0.209	0.420	0.623	0.252	0.117	0.215	0.170E	0.044E	0.0108	27
28	0.0078	0.0088	0.0088	0.312	0.834	0.675	0.264	0.116	0.182	0.140E	0.040E	0.0108	28
29	0.0078		0.0088	0.471	2.34	0.782	0.440	0.140	0.165	0.118E	0.037E	0.0108	29
30	0.0078		0.0088	0.531	3.64	0.884	0.418	0.134	0.152	0.105E	0.034E	0.0088	30
31	0.0078		0.010		2.52		0.419	0.144		0.103E		0.0088	31
TOTAL	0.233	0.211	0.250	2.961	23.914	26.169	16.145	6.685	5.702	3.334	2.323	0.507	TOTAL
MEAN	0.008	0.008	0.008	0.099	0.771	0.872	0.521	0.216	0.190	0.108	0.077	0.016	MEAN
MAX	0.008	0.008	0.010	0.531	3.64	4.21	1.01	0.426	0.369	0.255	0.110	0.031	MAX
MIN	0.007	0.007	0.008	0.010	0.268	0.500	0.250	0.116	0.078	0.056	0.034	0.008	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.242
MAXIMUM DAILY, 4.21 ON JUN 2
MINIMUM DAILY, 0.0078 ON JAN 1
MAXIMUM INSTANTANEOUS,
6.38 AT 10:14 PST ON JUN 2

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 46 35 N
LONG 127 12 09 W
DRAINAGE AREA, 13.2 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	20.1	JUL	1 390
FEB	18.2	AUG	578
MAR	21.6	SEP	493
APR	256	OCT	288
MAY	2 070	NOV	201
JUN	2 260	DEC	43.8

TOTAL DISCHARGE, 7 640 dam³

SKAGIT RIVER AT INTERNATIONAL BOUNDARY - STATION NO. 08PA004

DAILY WATER LEVEL IN METRES FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	6.376	6.306	6.109	3.253	---	---	1
2	---	---	---	---	---	---	6.567	6.316	6.119	3.329	---	---	2
3	---	---	---	---	---	---	6.747	6.285	6.086	3.207	---	---	3
4	---	---	---	---	---	---	6.899	6.250	6.047	3.190	---	---	4
5	---	---	---	---	---	---	6.980	6.183	6.001	3.087	---	---	5
6	---	---	---	---	---	---	6.232	6.153	5.936	2.976	---	---	6
7	---	---	---	---	---	---	6.319	6.100	5.881	2.838	---	---	7
8	---	---	---	---	---	---	6.367	6.172	5.827	2.749	---	---	8
9	---	---	---	---	---	---	6.346	6.202	5.858	2.729	---	---	9
10	---	---	---	---	---	---	6.376	6.281	6.579	2.710	2.640E	---	10
11	---	---	---	---	---	---	6.437	6.321	6.579	2.682A	2.705E	---	11
12	---	---	---	---	---	---	6.788	6.284	6.524	---	2.785E	---	12
13	---	---	---	---	---	---	6.300	6.195	6.433	---	2.765E	---	13
14	---	---	---	---	---	---	6.376A	6.180	6.274	---	2.645E	---	14
15	---	---	---	---	---	---	6.329E	6.179	6.117	---	2.695E	---	15
16	---	---	---	---	---	---	6.279E	6.169	6.998	---	3.130E	---	16
17	---	---	---	---	---	---	6.305E	6.149	6.912	---	3.195E	---	17
18	---	---	---	---	---	---	6.340E	6.108	6.831	---	3.115E	---	18
19	---	---	---	---	---	---	6.360	6.092	6.784	---	3.125E	---	19
20	---	---	---	---	---	---	6.339	6.102	6.884	---	3.105E	---	20
21	---	---	---	---	---	---	6.283	6.123	6.536	---	3.045E	---	21
22	---	---	---	---	---	2.687	6.250	6.184	6.427	---	2.965E	---	22
23	---	---	---	---	---	2.805	6.295	6.143	6.294	---	2.725E	---	23
24	---	---	---	---	---	2.970	6.287	6.109	6.186	---	2.675E	---	24
25	---	---	---	---	---	3.143	6.219	6.064	6.041	---	2.670E	---	25
26	---	---	---	---	---	3.249	6.187	6.058	3.958	---	---	---	26
27	---	---	---	---	---	3.567	6.106	6.065	3.853	---	---	---	27
28	---	---	---	---	---	3.741	6.108	6.097	3.727	---	---	---	28
29	---		---	---	---	3.867	6.140	6.136	3.564	---	---	---	29
30	---		---	---	---	4.169	6.185	6.143	3.422	---	---	---	30
31	---		---		---		6.235	6.120		---		---	31
MEAN	---	---	---	---	---	---	6.302	6.172	6.018	---	---	---	MEAN
MAX	---	---	---	---	---	---	6.376	6.321	6.119	---	---	---	MAX
MIN	---	---	---	---	---	---	6.376	6.058	3.422	---	---	---	MIN

WATER LEVELS IN METRES

MAXIMUM DAILY, 6.376A ON JUL 14

MAXIMUM INSTANTANEOUS,
6.388 ON JUL 14

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 482.355 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

SUMMARY FOR THE YEAR 1983

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 00 01 N
LONG 121 04 15 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

DRAINAGE AREA,
997 km²

SKAHA LAKE AT OKANAGAN FALLS - STATION NO. 08NM084

DAILY WATER LEVEL IN METRES FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.417	3.537	3.505	3.427	3.609	3.652	3.431	3.470	3.478	3.380	3.518	3.521	1
2	3.412	3.539	3.503	3.428	3.636	3.613	3.430	3.470	3.481	3.372	3.524	3.513	2
3	3.411	3.539	3.503	3.435	3.661	3.582	3.436	3.484	3.479	3.376	3.528	3.506	3
4	3.412	3.536	3.511	3.421	3.683	3.561	3.439	3.488	3.478	3.381	3.530	3.496	4
5	3.418	3.532	3.506	3.418	3.678	3.536	3.451	3.473	3.472	3.382	3.532	3.487	5
6	3.418	3.517	3.505	3.413	3.662	3.371	3.458	3.471	3.472	3.396	3.532	3.480	6
7	3.419	3.518	3.496	3.410	3.647	3.386	3.466	3.478	3.458	3.410	3.531	3.472	7
8	3.435	3.530	3.495	3.407	3.653	3.403	3.468	3.477	3.436	3.413	3.530	3.463	8
9	3.433	3.519	3.492	3.404	3.671	3.435	3.478	3.502	3.438	3.419	3.527	3.464	9
10	3.442	3.512	3.500	3.402	3.683	3.484	3.477	3.531	3.441	3.419	3.530	3.472	10
11	3.437	3.510	3.507	3.395	3.686	3.458	3.475	3.510	3.452	3.424	3.534	3.472	11
12	3.438	3.513	3.517	3.393	3.677	3.451	3.476	3.488	3.481	3.427	3.534	3.469	12
13	3.438	3.510	3.527	3.385	3.672	3.462	3.475	3.468	3.484	3.430	3.533	3.469	13
14	3.437	3.503	3.533	3.376	3.671	3.484	3.477	3.447	3.488	3.436	3.530	3.472	14
15	3.438	3.500	3.527	3.374	3.683	3.484	3.472	3.461	3.488	3.440	3.534	3.472	15
16	3.437	3.494	3.518	3.376	3.687	3.486	3.473	3.431	3.488	3.444	3.537	3.473	16
17	3.438	3.493	3.503	3.388	3.681	3.486	3.476	3.425	3.488	3.451	3.538	3.472	17
18	3.438	3.493	3.488	3.393	3.668	3.471	3.478	3.426	3.484	3.450	3.539	3.472	18
19	3.444	3.485	3.498	3.401	3.648	3.457	3.430	3.422	3.444	3.450	3.539	3.474	19
20	3.451	3.481	3.494	3.412	3.633	3.445	3.419	3.430	3.439	3.451	3.541	3.470	20
21	3.457	3.482	3.500	3.414	3.628	3.448	3.418	3.438	3.436	3.455	3.540	3.468	21
22	3.468	3.477	3.498	3.402	3.623	3.464	3.408	3.442	3.429	3.458	3.539	3.469	22
23	3.478	3.477	3.500	3.422	3.627	3.453	3.401	3.450	3.426	3.464	3.538	3.464	23
24	3.481	3.475	3.501	3.434	3.630	3.458	3.383	3.451	3.419	3.462	3.538	3.462	24
25	3.488	3.487	3.499	3.428	3.670	3.453	3.369	3.459	3.411	3.467	3.540	3.460	25
26	3.481	3.488	3.481	3.508	3.701	3.483	3.406	3.471	3.406	3.474	3.539	3.448	26
27	3.511	3.501	3.482	3.519	3.692	3.450	3.403	3.478	3.400	3.481	3.540	3.450	27
28	3.518	3.500	3.490	3.528	3.678	3.440	3.403	3.478	3.388	3.485	3.541	3.447	28
29	3.521		3.484	3.533	3.676	3.438	3.403	3.477	3.380	3.484	3.540	3.450	29
30	3.522		3.488	3.534	3.672	3.431	3.408	3.482	3.379	3.502	3.533	3.454	30
31	3.526		3.433		3.688		3.409	3.478		3.512		3.456	31
MEAN	3.464	3.503	3.500	3.431	3.663	3.485	3.445	3.464	3.442	3.436	3.536	3.470	MEAN
MAX	3.526	3.539	3.533	3.534	3.701	3.652	3.478	3.531	3.481	3.512	3.541	3.521	MAX
MIN	3.411	3.475	3.433	3.376	3.628	3.368	3.369	3.422	3.379	3.380	3.518	3.447	MIN

WATER LEVELS IN METRES

MEAN, 3.484
MAXIMUM DAILY, 3.701 ON MAY 26
MINIMUM DAILY, 3.368 ON JUN 9
MAXIMUM INSTANTANEOUS,
3.712 AT 13:05 PDT ON MAY 26

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 338.498 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1969 ADJ.)

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 21 12 N
LONG 119 34 48 W

REGULATED

SKEENA RIVER ABOVE BABINE RIVER - STATION NO. 08EB005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	39.20	41.50	38.60	41.30	532	2 280	858	635	341	368E	215 B	50.50	1
2	39.00	41.20	38.40	42.50	521	2 400	862	588	353A	366E	200 A	48.50	2
3	38.60	40.80	38.20	44.00	531	2 440	858	549	375E	365E	200	46.60	3
4	38.60	40.60	37.90	46.50	520	1 720	971	511	382E	372E	187	47.00	4
5	38.40	40.30	37.50	48.00	485	1 380	585	447	380E	345E	187	46.00	5
6	38.20	40.00	37.30	60.00	457	1 020	605	411	388E	315E	172	45.10	6
7	40.20	39.70	37.00	70.00	471	987	772	395	300E	290E	161	44.20	7
8	45.00	39.40	37.60	74.00	495	883	707	370	372E	285E	157	43.30	8
9	46.50	39.10	38.40	72.50	506	981	725	345	340E	240E	148	42.40	9
10	46.70	38.60	39.50	70.60	536	1 180	724	337	325E	230E	138	41.50	10
11	45.50	38.50	40.50	68.00	563	1 380	722	364	313E	215E	133	40.80	11
12	44.30	38.00	41.20	66.50	598	1 340	650	360	308E	202E	134	40.30	12
13	43.80	38.20	41.00	65.00	676A	1 100	613	360	308E	187E	133	38.70	13
14	43.50	38.50	41.00	64.00	782	985	646	355	330E	187E	128	39.10	14
15	43.20	38.60	41.50	64.00	671	973	566	364	340E	180E	128	38.90	15
16	43.00	39.30	41.30	68.00	821	1 150	500	471	315E	174E	128	38.20	16
17	42.80	39.70	41.00	73.00	814	1 010	461	447	300E	170E	128	37.80	17
18	42.60	39.70	40.80	80.00	835	802	480	605	285E	172E	130	37.60	18
19	42.40	39.00	40.50	90.00	719	918	440	650	280E	170E	127	37.20	19
20	42.20	39.20	40.20	98.00	827	1 280	434	781	270E	168E	112	37.00	20
21	42.00	39.00	40.10	100	1 020	1 240	457	626	270E	200E	87 A	35.70	21
22	41.80	39.00	40.10	125	947	1 100	567	625	262E	211E	76 A	35.40	22
23	41.60	39.00	40.00	144	928	1 050	482	481	305E	231E	64.00	35.10	23
24	41.40	39.00	39.80	163	816	1 040	433	435	440E	231E	64.00	35.60	24
25	41.30	39.00	39.60	202	808	880	410	417	640E	242E	61.00	35.50	25
26	41.00	38.80	39.60	235	677	827	403	411	700E	228E	58.50	35.30	26
27	41.30	38.80	40.00	292	765	839	675	400	600E	233E	57.00	34.90	27
28	41.00	38.70	40.10	346	732	734	728	400	430E	232E	56.00	34.00	28
29	42.00		40.30	435	1 000	885	630	392	390E	216E	54.00	34.30	29
30	42.30		40.30	507	1 710	726	663	383	372E	240E	53.00	34.00	30
31	41.80		40.80		2 260		662	351		240E		33.70	31
TOTAL	1 304.1	1 102.3	1 232.0	3 888.3	24 848	35 262	19 568	14 336	11 258	7 518	3 878.6	1 201.3	TOTAL
MEAN	42.1	39.4	39.7	130	802	1 170	631	462	375	243	133	38.7	MEAN
MAX	46.8	41.5	41.6	507	2 260	2 440	985	781	700	372	215	50.5	MAX
MIN	38.2	38.0	37.0	41.3	457	685	403	337	270	170	53.0	33.7	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 343
MAXIMUM DAILY, 2 440 ON JUN 3
MINIMUM DAILY, 33.70 ON DEC 31
MAXIMUM INSTANTANEOUS,
2 740 AT 21:54 PST ON JUN 3

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 43 56 N
LONG 127 41 46 W
DRAINAGE AREA, 12 400 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	113 000	JUL	1 690 000
FEB	95 200	AUG	1 240 000
MAR	106 000	SEP	973 000
APR	336 000	OCT	650 000
MAY	2 150 000	NOV	318 000
JUN	3 050 000	DEC	104 000

TOTAL DISCHARGE, 10 800 000 dam³

SKEENA RIVER AT GLEN VOWELL - STATION NO. 08EB003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	78.60	93.00	87.00	95.7	848	2 870	1 410	900E	637	506	367	111 B	1
2	78.20	93.00	84.50	96.8	837	3 050	1 240	830E	516	611	351	109 B	2
3	78.80	81.10	82.00	113 B	838	3 710	1 180	880E	484	616	314	106 B	3
4	76.40	80.30	79.00	127	880	2 370	1 410	862	483	510E	313	104 B	4
5	78.00	80.50	78.50	168	848	1 820	1 510	710E	461	624	288	102 B	5
6	77.80	80.00	78.7	148	847	1 930	1 280	825	475E	494E	268	95.50	6
7	78.00	84.00	78.2	187	784	1 830	1 140	824	468E	483	270	97.60	7
8	82.00	84.00	77.50	198	855	1 280	1 220	613	462E	460	258	95.50	8
9	87.00	83.50	76.50	187	881	1 370	1 150	570	457E	430	242	94.00	9
10	93.00	81.00	78.00	149	882	984	1 140	885E	451E	384	232	93.00	10
11	100.8	79.50	78.00	120	863	1 880	1 830	940E	445E	367	220E	91.50	11
12	97.50	78.00	81.00	115	834	1 840	1 120	860E	435E	303	215	90.00	12
13	86.00	80.50	83.00	112	838	1 530	1 020	830E	433	312	210	88.50	13
14	83.00	83.00	84.00	116	1 220	1 380	975	835E	484	323	210	87.00	14
15	91.00	85.50	84.50	121	1 310	1 380	845	830E	482	353	210	85.50	15
16	89.00	87.00	85.00	133	1 830	1 630	850	960E	481	355	210	83.00	16
17	87.50	85.10	89.00	163	1 350	1 420E	806	810E	432	267	210	81.70	17
18	86.00	90.00	93.0	160	1 280	1 210	748	760E	432	268E	210	78.80	18
19	86.00	88.00	105	180	1 140	1 880	732	830E	385	274	200	76.00	19
20	87.00	87.00	98.4	211 B	1 160	1 800	816	860E	346	268	190E	76.20	20
21	91.00	85.50	78.1	242 B	1 870	1 830	823	880E	350	286	170E	75.20	21
22	93.00	84.00	78.0	274	1 420	1 840	825	800E	355	330	165E	74.20	22
23	95.50	85.00	77.1	313 A	1 430	1 880	870	720E	380	307	164E	73.20	23
24	97.00	86.00	78.4	352 B	1 340	1 880	778	820	368	386	160E	72.20	24
25	96.50	87.00	84.0	391	1 450E	1 700	883	818	1 120	383	130E	71.20	25
26	95.00	88.00	81.2	418	1 880	1 840	728	810	1 200E	306	120E	70.60	26
27	96.00	88.00	88.5	480	1 800	1 300	778	587	1 180	315	126E	70.00	27
28	96.00	88.40	85.7	718	1 790	1 170	808	870	613	288	127E	68.40	28
29	95.00		88.3	846	1 770	1 110	920E	875	870	388	117E	68.80	29
30	94.00		81.2	938	1 800	1 080	1 100E	588	884	387	113E	68.20	30
31	93.00		85.7		3 000		900E	648		376		67.60	31
TOTAL	2 774.2	2 417.9	2 552.6	7 723.5	39 316	50 488	31 535	20 980	16 082	10 968	6 394	2 632.4	TOTAL
MEAN	89.5	86.4	82.6	257	1 270	1 680	1 030	677	536	354	213	84.9	MEAN
MAX	100	93.0	105	938	3 000	3 480	1 530	960	1 200	624	367	111	MAX
MIN	77.6	78.0	76.5	95.7	647	984	663	530	346	303	113	67.6	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 531
MAXIMUM DAILY, 3 880 ON JUN 3
MINIMUM DAILY, 67.60 ON DEC 31

TYPE OF GAUGE - MANUAL
LOCATION - LAT 55 18 00 N
LONG 127 40 11 W
DRAINAGE AREA, 35 000 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	240 000	JUL	2 730 000
FEB	209 000	AUG	1 810 000
MAR	224 000	SEP	1 390 000
APR	667 000	OCT	947 000
MAY	3 400 000	NOV	552 000
JUN	4 360 000	DEC	228 000

TOTAL DISCHARGE, 16 700 000 dam³

SKEENA RIVER AT USK - STATION NO. 08EF001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	160 B	168 B	163	183	1 620	4 510	1 730	1 300	702	791	652	218	1
2	160 B	166 B	159	186	1 640	4 280	1 810	1 260	762	763	569	201	2
3	160 B	167 B	155	192	1 630	4 930	1 720	1 170	782	761	572	189 B	3
4	167 B	166 B	147	201	1 580	3 610	1 800	1 110	857	766	560	181 B	4
5	167 B	165 B	141	222	1 400	2 720	1 810	1 020	868	792	565	172 B	5
6	160 B	163 B	133	251	1 380	2 210	1 800	952	867	768	536	164 B	6
7	160 B	161 B	134	293	1 200	1 950	1 760	920	880	719	504	158 B	7
8	160 B	160 B	129	311	1 420	1 900	1 900	890	900	672	479	151 B	8
9	210 B	120	132	297	1 460	1 840	1 810	854	827	633	459	146 B	9
10	157 B	141	130	277	1 430	2 180	1 760	836	742	603	433	141 B	10
11	160 B	142	140	257	1 410	2 280	1 760	837	865	568	409	138 B	11
12	165 B	147	148	241	1 480	2 440	1 700	830	857	535	398	132 B	12
13	160 B	150	153	229	1 570	2 210	1 580	812	872	521	395	124 B	13
14	175 B	154	158	226	1 780	2 090	1 680	821	733	488	386	121 B	14
15	160 B	150	161	225	1 980	1 900	1 370	862	751	475	377	119 B	15
16	160 B	151	166	254	2 080	2 090	1 340	917	726	451	378	117 B	16
17	167 B	150	168	293	2 030	2 090	1 290	1 180	702	430	380	114 B	17
18	168 B	157	172	238	1 870	1 840	1 200	1 280	864	428	392	111 B	18
19	176 B	153	173	282	1 780	1 700	1 190	1 230	811	441	400	109 B	19
20	176 B	153	174	300	1 740	1 810	1 140	1 330	863	465	384	107 B	20
21	164 B	146	173	404	2 230	2 180	1 160	1 280	889	481	344	105 B	21
22	164 B	148	170	424	2 200	2 010	1 260	1 110	822	519	286	103 B	22
23	167 B	156	165	480	2 090	1 990	1 230	866	812	551	257	102 B	23
24	161 B	158	160	564	2 440	1 940	1 080	918	863	558	270	101 B	24
25	163 B	172	165	667	2 020	1 890	1 030	861	1 080	608	302	99.00 B	25
26	160 B	171	153	854	1 980	1 800	1 030	858	1 380	604	313	98.50 B	26
27	160 B	170	158	1 000	1 800	1 940	1 050	863	1 550	588	304	97.70 B	27
28	160 B	165	158	1 140	1 720	1 750	1 230	868	1 200	553	301	96.90 B	28
29	160 B		158	1 340	2 050	1 610	1 200	880	888	536	292	96.10 B	29
30	160 B		163	1 540	3 060	1 580	1 220	851	855	621	263	95.30 B	30
31	160 B		172		4 310		1 180	816		691		94.50 B	31
TOTAL	5 022	4 277	4 830	13 732	58 430	69 780	44 800	30 544	24 514	18 400	12 201	3 996.0	TOTAL
MEAN	162	153	156	458	1 880	2 320	1 450	985	817	594	407	129	MEAN
MAX	210	172	174	1 540	4 310	4 930	1 900	1 330	1 550	792	652	218	MAX
MIN	141	120	129	183	1 200	1 580	1 030	812	683	428	257	94.5	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 796
MAXIMUM DAILY, 4 930 ON JUN 3
MINIMUM DAILY, 94.50 ON DEC 31
MAXIMUM INSTANTANEOUS,
5 100 AT 11 30 PST ON JUN 3

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 37 50 N
LONG 128 25 40 W
DRAINAGE AREA, 42 200 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	434 000	JUL	3 870 000
FEB	370 000	AUG	2 640 000
MAR	417 000	SEP	2 120 000
APR	1 190 000	OCT	1 590 000
MAY	5 050 000	NOV	1 050 000
JUN	6 030 000	DEC	345 000

TOTAL DISCHARGE, 25 100 000 dam³

SKINS LAKE SPILLWAY, NECHAKO RESERVOIR - STATION NO. 08JA013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	31.1	31.1	31.0	49.6	49.5	50.4	57.9	453	12.0	31.1	31.2	31.1	1
2	31.0	31.1	31.0	49.6	49.6	50.6	57.9	330	31.1	31.1	31.2	31.1	2
3	31.0	31.0	31.0	49.6	49.6	50.6	57.8	56.9	31.1	31.1	31.2	31.1	3
4	31.0	31.0	31.1	49.6	49.6	50.7	57.8	56.8	31.1	31.1	31.2	31.1	4
5	31.1	31.0	31.1	49.5	49.6	50.7	57.6	56.8	31.1	31.0	31.2	31.1	5
6	31.0	31.0	31.0	49.6	49.6	52.6	57.6	76.0	31.1	31.0	31.2	31.1	6
7	31.0	31.0	31.0	49.6	49.6	55.2	57.6	104	31.1	31.0	31.2	31.1	7
8	31.1	31.1	31.1	49.5	49.6	55.2	57.6	104	31.1	31.0	31.2	31.0	8
9	31.1	31.0	31.0	49.6	49.6	55.5	57.6	200	31.1	31.0	31.2	31.0	9
10	31.1	31.0	31.0	49.6	49.6	55.5	57.6	453	31.1	31.0	31.2	31.0	10
11	31.0	31.0	31.0	49.6	49.6	55.5	57.6	453	31.1	30.8	31.2	31.0	11
12	31.0	31.0	31.1	49.6	49.6	55.6	58.0	383	31.1	30.8	31.2	31.0	12
13	31.0	31.1	31.1	49.6	49.6	55.6	58.0	120	31.1	30.8	31.2	31.0	13
14	31.0	31.0	31.0	49.6	49.6	55.6	151	56.6	31.1	30.8	31.2	31.0	14
15	31.1	31.1	31.0	49.6	49.6	55.1	300	56.1	31.1	30.8	31.2	31.0	15
16	31.1	31.0	31.0	49.6	49.6	56.1	300	55.5	31.1	30.7	31.1	31.0	16
17	31.0	31.1	31.1	49.6	49.6	55.1	340	55.2	31.1	30.7	31.1	31.0	17
18	31.0	31.0	31.1	49.6	49.6	54.3	390	54.8	31.1	30.7	31.1	30.9	18
19	31.0	31.1	31.1	49.6	49.6	54.3	453	55.0	31.1	30.7	31.1	30.9	19
20	31.1	31.1	31.0	49.6	49.6	54.6	453	57.6	31.1	30.7	31.1	30.9	20
21	31.1	31.1	31.0	49.6	49.6	56.5	288	54.1	31.1	30.6	31.1	30.8	21
22	31.1	31.1	31.0	49.6	49.6	56.6	58.6	53.6	31.1	30.6	31.1	30.8	22
23	31.1	31.0	31.1	49.6	49.6	55.6	58.6	37.9	31.1	30.6	31.1	30.8	23
24	31.0	31.1	31.0	49.6	49.6	56.6	123	5.70	31.1	30.6	31.1	30.8	24
25	31.1	31.1	31.1	49.6	49.6	56.5	371	5.70	31.1	30.6	31.1	30.7	25
26	31.0	31.1	31.0	49.6	49.6	55.5	58.6	5.70	31.1	31.2	31.1	30.7	26
27	31.1	31.1	31.0	49.6	49.6	56.6	58.6	5.70	31.1	31.2	31.1	30.7	27
28	31.1	31.1	31.1	49.6	49.6	56.0	58.6	5.70	31.1	31.2	31.1	30.7	28
29	31.1		31.1	49.6	49.6	56.6	123	5.70	31.1	31.2	31.1	30.7	29
30	31.1		41.8	49.6	49.6	57.2	390	5.70	31.1	31.2	31.1	30.7	30
31	31.0		49.6		49.6		453	5.70		31.2		30.6	31
TOTAL	964.1	870.6	992.6	1 488.0	1 537.6	1 655.9	5 004.6	3 796.50	913.9	958.3	934.5	958.6	TOTAL
MEAN	31.1	31.1	32.0	49.6	49.6	55.2	161	122	30.5	30.9	31.2	30.9	MEAN
MAX	31.1	31.1	49.6	49.6	49.6	57.2	453	453	31.1	31.2	31.2	31.1	MAX
MIN	31.0	31.0	31.0	49.5	49.5	50.4	56.0	5.70	12.0	30.6	31.1	30.6	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 54.7
MAXIMUM DAILY, 453 ON JUL 19
MINIMUM DAILY, 5.70 ON AUG 24

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 53 46 15 N
LONG 125 58 14 W

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	83 300	JUL	432 000
FEB	75 200	AUG	328 000
MAR	85 800	SEP	79 000
APR	129 000	OCT	82 800
MAY	133 000	NOV	80 700
JUN	143 000	DEC	82 800

TOTAL DISCHARGE, 1 730 000 dam³

DATA CONTRIBUTED BY -
ALUMINUM COMPANY OF CANADA LIMITED

REGULATED

SKOOKUMCHUCK CREEK NEAR SKOOKUMCHUCK - STATION NO. 08NG061

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.50B	2.44B	2.30	2.44	4.06	63.5	30.8	11.4	5.51	3.77	4.39	2.44B	1
2	3.50B	2.45B	2.33	2.45	4.56	63.1	30.3	11.2	5.66	3.77	3.98	2.36B	2
3	3.60B	2.41B	2.33	2.44	4.90	73.5	30.4E	10.9	6.83	3.89	3.92	2.41B	3
4	3.60B	2.32B	2.30	2.45	8.90	57.8	29.0E	10.2	6.17	3.65	5.67	2.35B	4
5	3.75B	2.15B	2.27	2.44	9.44	48.5	27.4E	9.31	6.17	3.92	5.27	2.40B	5
6	3.75B	2.10B	2.24	2.45	9.83	44.8	25.0E	8.95	6.12	3.73	5.28	2.37B	6
7	3.80B	2.12B	2.30	2.75	10.9	45.7	24.4E	8.81	5.68	3.62	4.56	2.34B	7
8	3.90B	2.18B	2.24	2.75	11.2	53.1	23.1E	8.35	6.14	3.58	4.39	2.40B	8
9	3.86B	2.21B	2.27	2.76	10.6	50.4	22.4	8.35	5.83	3.58	3.90	2.60B	9
10	3.92B	2.27B	2.45	2.86	9.69	46.8	19.0	8.26	5.49	3.51	4.23	2.61B	10
11	4.08B	2.33B	2.92	2.80	9.93	42.2	17.3	8.93	5.49	3.44	3.88	2.57B	11
12	4.02B	2.38B	2.60	2.45	10.1	32.2	24.7	12.1	5.49	3.39	3.88	2.50B	12
13	4.00B	2.44B	2.90	2.75	10.6	31.1	32.4	9.98	5.21	3.38	3.73	2.60B	13
14	3.65B	2.41B	2.60	2.84	11.3	30.6	27.1	8.52	5.05	3.39	3.88	2.55B	14
15	3.20B	2.37B	2.45	2.72	11.8	34.2	30.3	7.77	4.99	3.38	3.71	2.40B	15
16	2.62B	2.34B	2.45	2.76	11.8	34.2	24.9	7.37	4.81	3.28	3.58	2.43B	16
17	2.73B	2.31B	2.45	2.85	12.7	34.8	22.5	5.98	4.79	3.24	3.57	2.31B	17
18	2.70B	2.31B	2.45	3.27	13.8	34.9	19.8	6.87	4.77	3.24	3.57	2.20B	18
19	2.72B	2.31B	2.45	3.61	13.8	28.9	19.2	6.87	4.75	3.21	3.48	2.10B	19
20	2.64B	2.31B	2.77	4.08	14.0	24.8	18.8	6.32	4.60	3.26	3.48	2.00B	20
21	2.68B	2.33B	2.90	4.55	19.2	22.5	17.4	6.03	4.48	3.26	3.61	1.90B	21
22	2.70B	2.37B	2.90	5.53	21.0	22.4	16.2	5.82	4.39	3.27	3.24	1.85B	22
23	2.70B	2.42B	2.27	6.22	23.4	24.6	15.2	5.90	4.35	3.48	3.05	1.80B	23
24	2.82B	2.50B	2.30	11.3	33.4	44.4	14.8	6.47	4.23	3.83	2.77	1.71B	24
25	2.60B	2.47B	2.33	16.0	34.9	34.2	18.4	7.48	4.13	3.58	3.24	1.72B	25
26	2.62B	2.44B	2.30	11.9	48.5	22.6	18.1	8.78	4.04	3.28	3.44	1.70B	26
27	2.73B	2.39B	2.30	9.70	55.9	30.3	16.6	6.53	3.88	3.24	3.24	1.82B	27
28	2.70B	2.34B	2.39	11.9	62.9	34.2	13.3	6.27	3.86	3.27	2.84	1.70B	28
29	2.50B		2.42	7.77	73.5	30.6	12.7	6.03	3.81	3.24	2.75B	1.75B	29
30	2.45B		2.45	6.06	84.4	37.1	12.1	6.22	3.83	3.24	2.62B	1.82B	30
31	2.40B		2.45		73.2		11.1	5.68		3.29		1.86B	31
TOTAL	98.37	65.42	75.16	148.50	747.32	1 189.5	673.4	247.35	150.47	107.28	114.88	68.03	TOTAL
MEAN	3.17	2.34	2.43	4.95	24.1	39.7	21.7	7.98	5.02	3.46	3.82	2.19	MEAN
MAX	4.08	2.50	2.92	16.0	84.4	73.5	27.1	12.1	6.83	3.92	5.67	2.61	MAX
MIN	2.40	2.10	2.24	2.44	4.06	22.4	11.1	5.68	3.81	3.24	2.62	1.71	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 10.1
MAXIMUM DAILY, 84.4 ON MAY 30
MINIMUM DAILY, 1.71B ON DEC 24

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 54 42 N
LONG 115 46 03 W
DRAINAGE AREA, 637 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	8 500	JUL	58 200
FEB	5 650	AUG	21 400
MAR	6 500	SEP	13 000
APR	12 800	OCT	9 270
MAY	64 600	NOV	9 930
JUN	103 000	DEC	5 880

TOTAL DISCHARGE, 319 000 dam³

SLESSE CREEK NEAR VEDDER CROSSING - STATION NO. 08MH056

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.05B	4.40B	7.11	4.94	11.0	26.0	15.7	11.6	7.65	1.87	7.05	5.24	1
2	3.10B	3.80B	6.58	5.02	11.0	22.3	16.0	10.0	7.73	1.81	11.0	4.98	2
3	3.35B	3.60B	6.20	4.57	10.5	18.4	14.2	9.00	5.54	2.25	40.0	4.62	3
4	3.20	3.40B	5.81	4.45	10.1	17.1	13.7	8.30	4.82	2.86	38.0	4.33	4
5	5.66	3.30B	5.34	4.45	10.4	16.2	15.4	8.13	4.07	2.22	19.8	4.14	5
6	4.85	3.30	5.18	4.57	10.6	16.5	14.3	7.93	4.05	2.04	17.7	3.90	6
7	12.5	3.18	5.41	4.54	10.2	20.1	11.5	8.10	3.63	1.82	13.4	3.88	7
8	23.6	2.88	6.74	4.20	8.09	25.3	10.1	9.28	3.25	1.85	11.2	3.73	8
9	19.0	2.82	20.5	4.06	7.90	22.2	9.10	9.21	3.01	1.78	8.55	3.58	9
10	39.6	2.76	18.2	3.85	7.28	20.8	8.93	8.84	5.77	1.85	10.4	3.47	10
11	27.6	6.00	14.6	3.80	7.80	20.7	24.6	10.8	7.12	1.61	18.7	3.32	11
12	17.5	14.3	11.6	3.37	8.09	16.1	54.7	8.20	5.06	1.51	14.7	3.24	12
13	13.0	12.7	10.7	3.18	11.1	14.7	62.0	7.53	4.84	1.53	12.0	3.42	13
14	10.2	9.56	10.1	3.18	13.4	16.2	66.9	7.25	4.11	1.54	11.3	3.45	14
15	8.42	7.67	8.48	3.48	12.0	20.8	43.5	6.84	3.73	1.48	41.5	3.25	15
16	7.31	7.85	7.49	4.09	10.1	17.4	27.0	5.86	3.80	1.41	28.8	3.08	16
17	6.67	9.78	6.63	4.74	9.91	22.7	22.4	5.65	3.90	1.74	24.7	2.80B	17
18	6.64	11.3	6.31	8.01	11.0	24.8	20.1	5.38	3.54	1.67	18.4	2.70B	18
19	6.74	8.80	5.79	8.01	12.1	18.0	16.2	5.16	3.14	1.67	15.1	2.60B	19
20	6.26	8.21	5.42	9.80	16.6	16.1	16.5	4.67	2.90	2.89	13.4	2.40B	20
21	5.58	7.28	5.18	11.1	21.9	14.6	18.5	4.59	2.94	2.97	10.3	2.30B	21
22	5.14	8.51	5.09	9.58	22.4	14.8	19.9	4.50	2.98	6.93	8.78	2.20B	22
23	4.88	17.9	4.92	10.4	26.0	15.9	18.1	4.48	2.82	6.07	7.83	2.10B	23
24	4.79	18.1	4.66	13.2	28.5	14.2	16.8	4.25	2.73	3.97	8.53	2.10B	24
25	4.85	14.4	4.43	11.4	25.6	13.7	13.1	3.94	2.82	4.36	8.75	2.00B	25
26	6.50	11.1	4.26	8.13	26.3	15.0	11.3	3.78	2.98	4.21	7.80	2.00B	26
27	5.66	9.10	4.37	8.11	28.9	15.9	10.4	3.75	2.84	4.52	7.70	2.00B	27
28	7.71	7.96	4.18	8.13	34.2	16.8	10.7	4.63	2.60	3.72	7.14	2.00B	28
29	6.26		5.09	8.17	45.1	17.8	10.0	4.41	2.34	3.45	6.28	1.95B	29
30	5.50		5.88	10.2	44.1	17.4	10.3	4.70	2.06	6.57	5.77	2.00B	30
31	6.02		5.15		23.7		12.1	4.50		14.9		2.50B	31
TOTAL	290.62	225.96	227.73	194.57	553.15	566.3	632.70	206.25	117.63	96.02	483.78	95.06	TOTAL
MEAN	9.37	8.07	7.35	6.49	17.8	18.9	20.4	6.65	3.92	3.10	16.1	3.07	MEAN
MAX	39.6	18.1	20.5	13.2	45.1	22.7	66.9	11.6	7.73	14.9	41.5	5.24	MAX
MIN	3.05	2.76	4.18	3.18	7.28	13.7	8.93	3.75	2.06	1.41	5.77	1.95	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 10.1
MAXIMUM DAILY, 66.9 ON JUL 14
MINIMUM DAILY, 1.41 ON OCT 16
MAXIMUM INSTANTANEOUS,
96.6 AT 00:26 PST ON JUL 14

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 04 16 N
LONG 121 41 58 W
DRAINAGE AREA, 162 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	25 100	JUL	54 700
FEB	19 500	AUG	17 800
MAR	19 700	SEP	10 100
APR	16 800	OCT	8 300
MAY	47 800	NOV	41 800
JUN	48 900	DEC	8 210

TOTAL DISCHARGE, 317 000 dam³

SLOCAN RIVER NEAR CRESCENT VALLEY - STATION NO. 08NJ013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	27.4	30.3	42.5	48.7	127	471	221	162	60.9	43.7	54.9	44.0	1
2	25.6B	29.7	42.2	50.1	132	474	227	138	70.0	41.7	53.9	42.3	2
3	25.6B	29.2	42.2	49.6	134	471	224	123	68.2	41.0	70.2	43.6	3
4	26.1B	27.8	43.0	48.3	123	430	212	127	66.0	40.4	104	41.4	4
5	26.2B	27.2	44.7	46.7	125	403	210	120	67.0	39.5	66.8	40.9	5
6	26.6B	26.7	45.3	49.0	144	384	219	115	67.6A	39.0	76.7	39.9	6
7	28.0B	26.0	46.9	51.5	156	389	228	111	65.1A	38.3	69.9	38.4	7
8	29.7B	26.0	46.2	54.1	160	401	220	107	63.7A	37.5	65.4	38.4	8
9	30.3	27.8	54.7	53.6	151	402	211	104	63.7A	36.7	63.3	39.1	9
10	30.8	27.1	71.6	54.1	163	391	188	101	61.8	36.2	60.8	39.7	10
11	31.7	27.2	86.0	52.4	139A	368	181	107	63.1	35.3	63.1	38.9	11
12	31.7	28.6	77.9	51.0	138	326	223	114	64.6	34.7	61.2	38.3	12
13	30.8	30.6	72.6	49.5	140	302	276	110	63.9	34.2	60.0	37.7	13
14	30.6	30.5	66.6	49.0	144	294	292	103	65.1	33.5	58.6	37.1	14
15	30.0	30.3	66.1	49.0	150	318	267	97.6	64.1	33.3	60.6	36.6	15
16	29.4	30.9	62.3	49.6	156	327	238	93.2	62.9	32.9	62.1	35.6	16
17	30.0	32.0	60.0	51.6	165	311	235	90.2	61.2	32.7	63.6	34.3	17
18	29.2	33.1	57.6	58.4	172	318	214	85.3	59.6	32.5	63.3	32.0B	18
19	28.9	33.1	55.6	62.9	175	287	206	81.7	57.8	32.5	61.2	32.0B	19
20	28.3	34.0	53.6	70.2	176	281	206	78.0	55.8	32.4	59.5	32.6B	20
21	28.1	35.4	52.6	78.6	210	244	206	75.1	54.5	32.3	57.2	33.3B	21
22	27.9	35.7	51.3	89.5	230	230	188	71.9	53.3	36.7	55.8	31.1B	22
23	28.2	35.7	50.4	100	256	227	167	69.6	51.8	36.7	54.0	30.3B	23
24	28.0	36.8	49.6	141	281	245	181	68.2	50.5	35.9	53.4	29.3B	24
25	27.9	38.8	48.7	188	332	238	180	67.0	49.2	34.7	52.6	28.6B	25
26	27.8	41.1	47.9	186	353	222	181	66.0	48.0	34.0	51.5	28.9B	26
27	30.9	41.0	47.6	162	389	217	170	65.6	47.1	33.9	50.5	29.4B	27
28	32.6	42.2	47.6	132	407	221	162	66.0	46.1	33.1	49.3	29.3B	28
29	32.3		48.1	125	466	224	158	64.8	44.6	32.7	47.3	29.3B	29
30	31.7		48.7	125	481	225	152	64.0	43.6	33.0	46.4	29.2B	30
31	30.9		49.0		466		148	62.2		46.0		28.9B	31
TOTAL	904.2	899.6	1 676.0	2 308.1	6 851	9 621	6 416	2 900.4	1 761.0	1 120.9	1 835.2	1 089.1	TOTAL
MEAN	29.2	32.1	54.2	76.9	221	321	207	93.6	58.7	36.1	61.2	35.1	MEAN
MAX	32.6	42.2	86.0	188	481	474	292	162	70.0	46.0	104	44.0	MAX
MIN	25.6	26.7	42.2	46.7	127	217	148	62.2	43.6	32.3	46.4	28.6	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 102
MAXIMUM DAILY, 481 ON MAY 30
MINIMUM DAILY, 25.6B ON JAN 2
MAXIMUM INSTANTANEOUS,
512 AT 23:40 PST ON MAY 30

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 27 38 N
LONG 117 33 52 W
DRAINAGE AREA, 3 320 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	78 100	JUL	554 000
FEB	77 700	AUG	251 000
MAR	145 000	SEP	152 000
APR	199 000	OCT	96 800
MAY	592 000	NOV	159 000
JUN	831 000	DEC	94 100

TOTAL DISCHARGE, 3 230 000 dam³

SMITH CREEK NEAR HEDLEY - STATION NO. 08NL034

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.110B	0.134C	0.128E	0.167E	1.88E	1.50 E	0.624E	0.350E	0.240E	0.150E	0.162B	0.110B	1
2	0.118	0.131	0.126	0.168	1.77	1.53	0.615	0.291	0.244	0.150	0.168	0.105B	2
3	0.126E	0.126E	0.134E	0.160E	1.95E	1.26 E	0.603E	0.263E	0.227E	0.150E	0.320E	0.105B	3
4	0.122	0.126	0.140	0.168	2.13	1.03	0.590	0.275	0.230	0.150	0.490	0.105B	4
5	0.131E	0.128B	0.144E	0.170E	2.23E	0.956E	0.577E	0.276E	0.211E	0.150E	0.411E	0.106B	5
6	0.140	0.128B	0.147	0.172	2.33	0.863	0.864	0.275	0.192	0.150	0.332	0.104B	6
7	0.142E	0.127B	0.151E	0.177E	2.29E	0.823E	0.831E	0.263E	0.198E	0.147E	0.332E	0.103B	7
8	0.143	0.125B	0.155	0.182	2.26	0.762	0.808	0.281	0.204	0.143	0.332	0.102B	8
9	0.148E	0.123B	0.156E	0.187E	2.23E	0.716E	0.742E	0.416E	0.210E	0.143E	0.266E	0.104B	9
10	0.154	0.122	0.155	0.193	2.21	0.670	0.766	0.539	0.216	0.143	0.188	0.111B	10
11	0.148E	0.122E	0.160E	0.195E	2.17E	0.657E	0.780E	1.10	0.300E	0.143E	0.178E	0.120B	11
12	0.143	0.121	0.164	0.198	2.13	0.643	0.774	0.864	0.332	0.143	0.168	0.127B	12
13	0.143	0.120E	0.163E	0.207E	2.07E	0.604E	0.648	0.482E	0.279E	0.143E	0.158E	0.128B	13
14	0.138	0.119	0.159	0.217	2.02	0.584	0.670	0.400	0.225	0.143	0.143	0.126B	14
15	0.138E	0.118E	0.153E	0.337E	1.90E	0.564E	0.671E	0.354E	0.219E	0.147E	0.143E	0.122B	15
16	0.138	0.119	0.147	0.457	1.77	0.564	0.670	0.307	0.212	0.150	0.143	0.116B	16
17	0.136E	0.120E	0.143	0.512E	1.96E	0.577E	0.643E	0.278E	0.212E	0.150E	0.140E	0.111B	17
18	0.133	0.121	0.150	0.566	2.21	0.580	0.615	0.250	0.212	0.150	0.138	0.104B	18
19	0.128E	0.120E	0.150E	0.779E	2.37E	0.630E	0.518E	0.247E	0.210E	0.147E	0.143E	0.098B	19
20	0.137	0.118	0.150	0.892	2.53	0.670	0.421	0.244	0.225	0.143	0.150	0.085B	20
21	0.136E	0.116E	0.148E	1.18	2.73E	0.671E	0.410E	0.224E	0.218E	0.140E	0.143E	0.070B	21
22	0.135	0.116	0.147	1.39	2.93	0.670	0.400	0.204	0.207	0.136	0.136	0.062B	22
23	0.133E	0.121E	0.147E	1.44 E	3.03E	0.728E	0.433E	0.177E	0.193E	0.130E	0.130E	0.060B	23
24	0.131	0.122	0.147	1.49	3.13	0.786	0.457	0.190	0.176	0.124	0.136	0.060B	24
25	0.131E	0.123E	0.149E	1.56 E	2.93E	0.816E	0.611E	0.183E	0.173E	0.137E	0.130E	0.062B	25
26	0.131	0.122	0.150	1.67	2.72	0.846	0.766	0.216	0.168	0.150	0.136	0.074B	26
27	0.130E	0.125E	0.157E	1.65 E	2.41	0.745E	0.623E	0.200E	0.158E	0.176	0.129B	0.063B	27
28	0.128	0.128	0.164	1.63	2.16	0.663	0.480	0.204	0.150	0.176	0.129B	0.065B	28
29	0.128E		0.164E	1.62 E	1.96E	0.636E	0.470E	0.261E	0.150E	0.163E	0.122B	0.062B	29
30	0.126		0.164	1.60	1.73	0.632	0.457	0.256	0.150	0.150	0.114B	0.087B	30
31	0.124E		0.166E		1.66E		0.400E	0.263E		0.156E		0.102B	31
TOTAL	4.140	3.433	4.679	21.462	69.95	23.466	18.382	10.013	6.370	4.573	5.026	3.040	TOTAL
MEAN	0.134	0.123	0.151	0.715	2.25	0.782	0.593	0.323	0.212	0.148	0.184	0.098	MEAN
MAX	0.154	0.128	0.164	1.67	3.13	1.53	0.786	1.10	0.332	0.176	0.490	0.128	MAX
MIN	0.116	0.118	0.126	0.167	1.66	0.564	0.400	0.150	0.150	0.124	0.114	0.060	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.600
MAXIMUM DAILY, 3.13 ON MAY 24
MINIMUM DAILY, 0.0600 ON DEC 23

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 22 47 N
LONG 120 11 36 W
DRAINAGE AREA, 127 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	359	JUL	1 590
FEB	297	AUG	865
MAR	404	SEP	550
APR	1 850	OCT	395
MAY	6 030	NOV	434
JUN	2 030	DEC	263

TOTAL DISCHARGE, 19 100 dam³

SMITH RIVER ABOVE SMITH FALLS - STATION NO. 10BE013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	16.00	13.00	11.60	12.00	22.0E	29.0	21.1	22.0	17.6	18.1	15.90	13.30	1
2	16.00	13.00	11.80	12.10	22.6E	29.0	20.7	22.6	17.6	18.3	15.60	13.20	2
3	16.00	13.00	11.60	12.30	22.5E	29.1	20.4	22.6	17.7	18.4	15.30	13.30	3
4	15.70	13.00	11.70	12.70	22.3E	29.6	20.6	22.5	18.0	19.5	15.20	13.30	4
5	15.90	13.00	11.60	12.90	22.0E	30.0	20.6	22.0	18.8	20.5	15.00	13.30	5
6	16.00	12.70	11.30	13.00	22.1E	30.3	20.6	21.5	18.2	20.2	16.90	13.00	6
7	16.00	12.50	11.20	13.20	22.6E	30.6	20.6	20.5	15.0	19.6	16.60	12.90	7
8	15.70	12.40	11.20	13.60	23.1E	30.4	20.3	20.4	16.7	19.2	16.70	12.70	8
9	15.50	12.30	11.30	13.90	23.6E	30.2	20.1	20.0	16.2	18.6	16.60	12.60	9
10	15.30	12.20	11.40	14.00	24.2E	29.5	19.6	19.8	18.1	18.3	16.50	12.40	10
11	15.20	12.10	11.60	14.20	25.0E	29.2	19.4	19.5	18.0	18.1	14.50	12.30	11
12	15.00	12.00	11.70	14.60	25.3E	28.7	19.0	19.2	18.0	18.6	14.90	12.30	12
13	14.90	12.00	11.60	15.00	25.4E	28.0	18.6	19.0	17.9	18.3	14.80	12.30	13
14	14.80	11.90	11.70	15.20	25.2E	27.4	18.5	18.6	17.6	18.1	14.80	12.30	14
15	14.80	11.90	11.60	15.50	24.8A	27.1	18.6	18.5	17.7	18.0	14.60	12.30	15
16	14.90	11.70	11.50	16.20	24.5	26.8	18.6	18.7	17.5	17.7	14.70	12.20	16
17	14.70	11.60	11.60	16.50	25.0A	26.4	18.7	18.8	17.5	17.1	14.80	12.30	17
18	14.40	11.50	11.60	17.20	24.0	25.9	18.5	18.7	17.6	17.4	14.90	12.30	18
19	14.40	11.40	11.70	18.00	23.5	25.6	19.0	18.9	17.7	18.1	14.80	12.10	19
20	14.30	11.40	11.60	18.30	26.3	25.1	20.3	19.3	17.6	17.9	14.70	12.00	20
21	14.20	11.50	11.60	18.80	26.2	24.4	21.1	19.3	17.7	17.6	14.80	12.00	21
22	14.00	11.60	11.50	19.30	28.7	24.1	22.0	19.3	17.6	17.6	14.30	11.90	22
23	13.60	11.70	11.40	20.00	30.2	24.0	22.2	19.2	17.7	17.4	14.10	11.80	23
24	13.30	11.70	11.50	20.50	31.5	23.8	21.6	18.8	17.6	16.90	14.00	11.60	24
25	13.00	11.70	11.60	21.30	32.2	23.3	21.1	18.6	17.6	16.60	13.80	11.60	25
26	13.00	11.70	11.60	22.00	32.2	22.9	21.1	18.5	17.8	16.70	13.70	11.60	26
27	13.00	11.70	11.70	22.40	31.6	22.6	21.9	18.3	18.1	16.50	13.40	11.60	27
28	13.00	11.60	11.60	23.00	30.3	22.1	23.1	18.0	17.7	16.40	13.30	11.70	28
29	13.00		11.80	23.20	29.7	21.8	23.7	18.1	17.0	16.30	13.20	11.70	29
30	13.00		12.00	23.2E	28.3	21.4	23.5	18.1	17.3	16.10	13.20	11.70	30
31	12.90		12.00		29.3		22.7	17.8		16.00		11.70	31
TOTAL	462.0	337.6	360.1	500.5	813.2	789.1	638.5	608.6	537.2	554.2	436.7	381.9	TOTAL
MEAN	14.9	12.1	11.6	16.8	26.2	26.6	20.6	19.6	17.9	17.9	14.5	12.3	MEAN
MAX	16.5	13.0	12.0	23.2	32.2	30.6	23.7	22.6	18.2	20.5	16.9	13.3	MAX
MIN	12.9	11.4	11.2	12.0	22.0	21.4	18.5	17.8	17.0	16.0	13.2	11.7	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 17.8
MAXIMUM DAILY, 32.2 ON MAY 25
MINIMUM DAILY, 11.20 ON MAR 7
MAXIMUM INSTANTANEOUS,
32.3 AT 02:01 YST ON MAY 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT 59 39 24 N
LONG 126 27 47 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN 39 100	JUL 55 200
FEB 29 200	AUG 52 600
MAR 31 100	SEP 46 400
APR 43 000	OCT 47 900
MAY 70 300	NOV 37 800
JUN 68 000	DEC 33 000

TOTAL DISCHARGE, 555 000 dam³

SMOKY CREEK ABOVE DIVERSIONS - STATION NO. 08NJ162

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.016E	0.050	0.108	0.105	0.244	0.088E	0.025	0.033	0.012	0.005	0.007	0.057	1
2	0.016E	0.050	0.108	0.116	0.249	0.092	0.025	0.032	0.013	0.005	0.010	0.055	2
3	0.016E	0.050	0.112	0.108	0.244	0.076	0.028E	0.030	0.012	0.005	0.023	0.053	3
4	0.017	0.048	0.116	0.105	0.232	0.066	0.023E	0.030	0.012	0.005	0.023E	0.050	4
5	0.017	0.048	0.118	0.106	0.222	0.062	0.021	0.027	0.012	0.005	0.013	0.048	5
6	0.017	0.048	0.127	0.106	0.236	0.057	0.020	0.026	0.011	0.005	0.017	0.046	6
7	0.018	0.046	0.131	0.123	0.261	0.052	0.022	0.025	0.010	0.004	0.014	0.044	7
8	0.025	0.046	0.136	0.131	0.236	0.050	0.022	0.026	0.010	0.004	0.014	0.043	8
9	0.025	0.044	0.165	0.127	0.185	0.048	0.022	0.023	0.011	0.004	0.015	0.043	9
10	0.030	0.043	0.300	0.123	0.184	0.053	0.021	0.026	0.012	0.004	0.015	0.041	10
11	0.032	0.043	0.336	0.119	0.171	0.044	0.022	0.026	0.011	0.004	0.032	0.040	11
12	0.032	0.050	0.286	0.112	0.163	0.041	0.026	0.025	0.011	0.004	0.033	0.036	12
13	0.032	0.061	0.237	0.105	0.158	0.036	0.032	0.023	0.010	0.004	0.040	0.036	13
14	0.032	0.063	0.211	0.102	0.168	0.033	0.035	0.022	0.010	0.004	0.038	0.036	14
15	0.030	0.062	0.176	0.099	0.159	0.036	0.033	0.021	0.008	0.004	0.066	0.035	15
16	0.030	0.068	0.158	0.102	0.156	0.033	0.033	0.019	0.008	0.004	0.084	0.035	16
17	0.030	0.076	0.142	0.105	0.145	0.032	0.032	0.018	0.008	0.004	0.105	0.033	17
18	0.030	0.065	0.121	0.119	0.134	0.033	0.030	0.016	0.008	0.005	0.112	0.032	18
19	0.030	0.062	0.119	0.167	0.121	0.032	0.030	0.015	0.008	0.004	0.108	0.029	19
20	0.030	0.066	0.108	0.232	0.127	0.028	0.026	0.016	0.008	0.004	0.103	0.027	20
21	0.030	0.082	0.105	0.269	0.134	0.027	0.025	0.015	0.008	0.004	0.095	0.028	21
22	0.030	0.082	0.105	0.300	0.131	0.027	0.026	0.014	0.007	0.010	0.092	0.025	22
23	0.030	0.084	0.102	0.284	0.127	0.027	0.023	0.013	0.007	0.007	0.088	0.023	23
24	0.032	0.101	0.099	0.419	0.127	0.030	0.032	0.023	0.007	0.005	0.084	0.023	24
25	0.032	0.107	0.085	0.457	0.118	0.036	0.046	0.018	0.007	0.005	0.076	0.023	25
26	0.032	0.127	0.085	0.307	0.116	0.026	0.043	0.017	0.006	0.005	0.074	0.022	26
27	0.050	0.102	0.085	0.284	0.112	0.023	0.041	0.015	0.006	0.005	0.070	0.022	27
28	0.055	0.102	0.088	0.268	0.103	0.023	0.043	0.015	0.006	0.005	0.068	0.023	28
29	0.055		0.102	0.248	0.098	0.022	0.040	0.014	0.006	0.004	0.064	0.022	29
30	0.053		0.109	0.248	0.083	0.022	0.038	0.014	0.005	0.004	0.061	0.021	30
31	0.051		0.106		0.084		0.036	0.013		0.007		0.021	31
TOTAL	0.956	1.979	4.414	5.757	5.063	1.282	0.969	0.651	0.274	0.148	1.657	1.073	TOTAL
MEAN	0.031	0.071	0.142	0.192	0.163	0.042	0.031	0.021	0.009	0.005	0.055	0.035	MEAN
MAX	0.056	0.127	0.336	0.457	0.261	0.092	0.046	0.033	0.013	0.010	0.112	0.057	MAX
MIN	0.016	0.043	0.085	0.099	0.084	0.022	0.021	0.013	0.005	0.004	0.007	0.021	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.066
MAXIMUM DAILY, 0.457 ON APR 25
MINIMUM DAILY, 0.004 ON OCT 7

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 27 57 N
LONG 117 31 04 W
DRAINAGE AREA, 5.59 km²

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN 82.6	JUL 83.7
FEB 171	AUG 56.2
MAR 381	SEP 23.7
APR 497	OCT 12.8
MAY 438	NOV 143
JUN 109	DEC 92.7

TOTAL DISCHARGE, 2 090 dam³

SOMASS RIVER NEAR ALBERNI - STATION NO 08HB017

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	134	196	250	162	94.3	147	71.0	65.3	47.8	42.8	126	132	1
2	142	178	309	191	86.4	137	73.6	63.3	47.7	42.2	172	120	2
3	146	164	181	181	85.2	122	73.0	63.7	47.3	41.3	214	101	3
4	142	148	161	164	83.7	115	72.1	65.8	46.7	40.2	245	96.0	4
5	139	136	131	150	80.6	110	71.7	63.3	46.6	40.6	237	91.0	5
6	133	124	126	139	88.4	106	70.1	61.8	45.7	44.8	230	87.6	6
7	154	121	124	118	84.0	98.1	68.5	60.1	47.2	42.8	230	83.7	7
8	232	115	161	108	100	94.2	66.0	58.3	46.7	41.6	211	98.8	8
9	252	120	468	96.3	89.4	88.3	67.1	56.0	46.7	41.1	195	93.0	9
10	294	139	908	82.4	85.0	133	66.6	56.1	46.7	40.6	198	90.1	10
11	294	432	483	80.3	81.9	164	81.6	54.0	60.0	42.1	309	101	11
12	478	885	464	85.6	80.6	162	138	46.5	53.6	43.4	398	114	12
13	638	871	398	82.4	81.5	154	105	47.3	57.5	39.2	424	131	13
14	351	587	408	78.3	83.9	128	156	46.2	58.1	37.9	389	121	14
15	293	531	382	74.9	82.7	109	147	45.1	54.9	44.1	649	111	15
16	253	484	291	86.6	80.0	105	135	44.3	55.6	43.3	736	104	16
17	239	536	248	86.0	86.1	108	108	43.4	85.3	43.3	804	98.2	17
18	344	538	215	86.5	83.0	108	91.5	43.1	62.6	41.2	685	92.7	18
19	530	488	182	76.1	87.3	108	86.4	40.8	60.5	39.9	547	88.6	19
20	434	443	168	71.0	76.2	99.1	83.9	40.5	57.3	43.6	446	83.6	20
21	348	385	193	71.2	86.2	91.3	80.8	40.5	54.6	50.7	371	79.2	21
22	289	336	163	87.1	103	88.1	78.8	40.5	51.4	135	318	76.2	22
23	251	415	137	87.8	100	86.5	76.5	40.4	49.3	105	276	71.7	23
24	263	528	113	71.4	114	81.5	74.8	40.0	84.1	152	259	68.0	24
25	294	486	103	74.8	127	76.7	72.8	39.8	62.6	143	258	65.6	25
26	425	396	90.8	82.9	118	77.0	70.6	39.6	57.2	152	242	66.4	26
27	433	342	92.6	86.3	109	72.9	69.9	39.9	67.2	168	235	65.5	27
28	389	297	97.1	84.4	118	68.4	71.0	40.6	65.5	185	264	63.0	28
29	304		111	85.4	123	68.6	69.5	46.5	63.7	158	174	61.6	29
30	258		163	89.3	104	70.2	68.1	47.8	62.9	143	153	59.1	30
31	218		188		153		66.6	47.9		143		61.7	31
TOTAL	8 958	9 930	8 822.9	2 930.2	3 124.2	3 108.9	2 852.1	1 933.5	1 800.8	2 615.9	8 807	2 797.4	TOTAL
MEAN	286	354	320	97.7	101	106	86.5	49.5	53.4	77.9	327	90.2	MEAN
MAX	530	885	909	191	153	164	156	65.8	85.3	180	736	132	MAX
MIN	134	115	90.8	67.1	67.3	88.4	65.6	39.8	42.8	37.9	138	61.6	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 153
MAXIMUM DAILY, 734 ON NOV 15
MINIMUM DAILY, 37.9 ON OCT 14
MAXIMUM INSTANTANEOUS,
780 AT 22:02 PST ON NOV 15

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 17 07 N
LONG 124 53 00 W
DRAINAGE AREA, 1 260 km²

REGULATED SINCE 1956

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	795 000	JUL	233 000
FEB	857 000	AUG	132 000
MAR	568 000	SEP	138 000
A+M	253 000	OCT	209 000
MAY	270 000	NOV	847 000
JUN	275 000	DEC	242 000

TOTAL DISCHARGE, 4 810 000 dam³

SOMENOS LAKE NEAR DUNCAN - STATION NO 08HA013

DAILY WATER LEVEL IN METRES FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	0.391	---	---	---	---	---	1
2	---	---	---	---	---	---	---	---	---	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	0.391	---	---	---	---	---	---	8
9	---	---	---	---	---	---	0.391	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	0.589	---	---	---	---	---	---	---	12
13	---	---	---	---	---	0.391	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	0.391	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	0.671	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	---	---	0.586	---	---	---	---	---	---	---	20
21	---	---	---	---	0.556	---	---	---	---	---	---	---	21
22	---	---	---	---	0.546	0.391	---	---	---	---	---	---	22
23	---	---	---	---	0.531	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	---	---	---	0.491	---	---	---	---	---	---	---	27
28	---	---	---	---	---	---	---	---	---	---	---	---	28
29	---	---	---	---	0.476	---	---	---	---	---	---	---	29
30	---	---	---	---	0.466	---	0.341	---	---	---	---	---	30
31	---	---	---	---	0.451	---	---	---	---	---	---	---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - MANUAL
LOCATION - LAT 48 48 13 N
LONG 123 42 26 W
DATA CONTRIBUTED BY -
BRITISH COLUMBIA MINISTRY OF ENVIRONMENT

NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

SOUTH DAWSON CREEK AT THE MOUTH - STATION NO. 07FB016

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.420E	0.035	0.311E	0.035E	0	0	0	---	1
2	---	---	---	---	0.500	0.035	0.465E	0.018	0	0	0	---	2
3	---	---	---	---	0.425	0.034	0.588E	0.047	0	0	0	---	3
4	---	---	---	---	0.304	0.017E	0.761	0.060	0	0	0	---	4
5	---	---	---	---	0.276	0.011E	0.483	0.034	0	0	---	---	5
6	---	---	---	---	0.255	0.004	0.304	0.021E	0	0	---	---	6
7	---	---	---	---	0.241E	0.004	0.41	0.018E	0	0	---	---	7
8	---	---	---	---	0.306E	0.018	0.56	0.015	0	0	---	---	8
9	---	---	---	---	0.331	0.008	3.83 E	0.014	0	0	---	---	9
10	---	---	---	---	0.357	0.004	2.00 E	0.014	0	0	---	---	10
11	---	---	---	---	---	0.301	0.004E	0.361	0.006	0	0	---	11
12	---	---	---	---	0.661	0.258	0.004E	0.361	0.004	0	0	---	12
13	---	---	---	---	0.176	0.105	0.004	0.185	0.003E	0	0	---	13
14	---	---	---	---	0.104	0.170E	0.004	1.50 E	0.001E	0	0	---	14
15	---	---	---	---	0.333	0.107E	0.003	18.4 E	0	0	0	---	15
16	---	---	---	---	0.268E	0.148	0.003	7.00 E	0	0	0	---	16
17	---	---	---	---	0.189E	0.148	0.003	3.50 E	0	0	0	---	17
18	---	---	---	---	0.133	0.118	0.004E	0.934	0	0	0	---	18
19	---	---	---	---	0.161	0.118	1.10 E	0.512	0	0	0	---	19
20	---	---	---	---	0.192	0.116	1.76	0.512	0	0	0	---	20
21	---	---	---	---	0.180	0.102E	1.04	1.03	0	0	0	---	21
22	---	---	---	---	0.403	0.068E	0.340	0.512	0	0	0	---	22
23	---	---	---	---	0.350E	0.073E	0.188	0.473E	0	0	0	---	23
24	---	---	---	---	0.257E	0.059	0.168	0.408E	0	0	0	---	24
25	---	---	---	---	0.183	0.053	0.417E	0.413	0	0	0	---	25
26	---	---	---	---	0.168	0.048	0.340E	0.228	0	0	0	---	26
27	---	---	---	---	0.152	0.046	0.279	0.205	0	0	0	---	27
28	---	---	---	---	0.098	0.048E	0.278	0.205	0	0	0	---	28
29	---		---	---	0.180	0.043E	0.257	0.085	0	0	---	---	29
30	---		---	---	0.207E	0.041	0.147	0.058E	0	0		---	30
31	---		---			0.038		0.051E	0	0		---	31
TOTAL	---	---	---	---	5.863	3.730	59.581	9.280	0	0	---	---	TOTAL
MEAN	---	---	---	---	0.192	0.251	1.93	0.009	0	0	---	---	MEAN
MAX	---	---	---	---	0.680	1.76	18.4	0.060	0	0	---	---	MAX
MIN	---	---	---	---	0.038	0.002	0.051	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 18.48 ON JUL 15
MINIMUM DAILY, 0.00 AUG 19

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - MANUAL
LOCATION - LAT 55 45 23 E
LONG 120 15 00 W
DRAINAGE AREA, 69.2 km²

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	5 190
FEB	---	AUG	24 2
MAR	---	SEP	0
APR	---	OCT	0
MAY	515	NOV	---
JUN	784	DEC	---

SOUTH PASS CREEK AT THE MOUTH - STATION NO. 08LE106

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.720E	2.08E	6.03	1.47	1.50 E	0.507	---	---	---	1
2	---	---	---	0.730E	2.33	9.36	1.47E	1.72	0.558	---	---	---	2
3	---	---	---	0.740E	2.52	5.16	1.47E	1.48	0.558E	---	---	---	3
4	---	---	---	0.745E	2.33	4.47E	1.47	1.48	0.558E	---	---	---	4
5	---	---	---	0.785E	1.82	3.80E	1.47	1.25	0.559E	---	---	---	5
6	---	---	---	0.893	2.08	3.13	1.47	1.15 E	0.559	---	---	---	6
7	---	---	---	1.11	1.82	2.94	1.58	1.11 E	0.559	---	---	---	7
8	---	---	---	1.02	1.74	2.94	1.47	1.04	0.551	---	---	---	8
9	---	---	---	0.917E	1.82	2.94	1.77E	1.04	0.551	---	---	---	9
10	---	---	---	0.814E	1.70	2.94	2.08E	1.48	0.560E	---	---	---	10
11	---	---	---	0.713	1.70	1.87	3.33	1.60	0.562E	---	---	---	11
12	---	---	---	0.713	1.70	1.84E	5.93	1.25	0.566	---	---	---	12
13	---	---	---	0.655	1.70	1.71	5.33	1.15 E	0.566	---	---	---	13
14	---	---	---	0.655	1.70E	1.71	5.03	1.11 E	0.551	---	---	---	14
15	---	---	---	0.655	1.70E	1.71	5.39	1.04	0.551	---	---	---	15
16	---	---	---	0.604E	1.70	1.71	4.65E	1.04	0.560	---	---	---	16
17	---	---	---	0.660E	2.08	1.63	3.61E	0.740	0.560E	---	---	---	17
18	---	---	---	1.11	1.70	3.08E	1.87	0.559	0.560E	---	---	---	18
19	---	---	---	1.22	1.82	4.36E	1.83	0.559	0.566	---	---	---	19
20	---	---	---	1.36	1.82	5.80	1.71	0.502E	0.525	---	---	---	20
21	---	---	---	1.71	2.31E	6.14	1.71	0.444E	0.461	---	---	---	21
22	---	---	---	1.82	2.60E	1.67	1.71	0.366	0.436	---	---	---	22
23	---	---	---	5.67 E	3.39	1.69	1.67E	0.366	0.395	---	---	---	23
24	---	---	---	4.32	3.39	1.24	1.66E	0.366	0.395E	---	---	---	24
25	---	---	---	3.39	4.76	1.24E	1.69	0.507	0.395E	---	---	---	25
26	---	---	---	2.66	3.77	1.34E	1.35	0.366	0.395	---	---	---	26
27	---	---	---	1.82	3.61	1.24	1.35	0.302E	0.395	---	---	---	27
28	---	---	---	1.72	3.76E	1.24	1.04	0.302E	0.379	---	---	---	28
29	---		---	1.72	3.95E	1.67	1.35	0.403	0.366	---	---	---	29
30	---		---	1.60 E	4.12	1.67	1.37E	0.366	0.348	---	---	---	30
31	---		---		6.36		1.40E	0.366		---		---	31
TOTAL	---	---	---	61.021	78.80	80.43	73.43	27.430	15.121	---	---	---	TOTAL
MEAN	---	---	---	1.97	2.67	3.66	2.37	0.885	0.504	---	---	---	MEAN
MAX	---	---	---	6.32	6.36	6.03	6.03	1.72	0.566	---	---	---	MAX
MIN	---	---	---	0.655	1.70	1.24	1.04	0.366	0.366	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 6.03 ON JUL 13

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - MANUAL
LOCATION - LAT 50 55 30 N
LONG 116 20 34 W
DRAINAGE AREA, 30.3 km²

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	6 340
FEB	---	AUG	2 370
MAR	---	SEP	1 210
APR	3 540	OCT	---
MAY	6 800	NOV	---
JUN	6 050	DEC	---

SOUTH THOMPSON RIVER AT CHASE - STATION NO. 08LE031

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	129E	111E	140	224	413	832	801	683	307	197	164	216	1
2	134A	112E	143	227	428	865	794	666	304	195	169	213	2
3	132	113E	146	229	442	896	787	650	302	193	174	210	3
4	129	112E	147	231	454	917	777	636	302	190	176	207	4
5	127	110E	149	232	463	924	767	620	300	188	182	204	5
6	126	108E	151	233	473	932	761	603	297	186	186	201	6
7	125	108E	154	234	486	933	754	587	292	184	188	198	7
8	125	107E	155	237	500	936	744	572	287	183	191	197	8
9	124	106E	158	240	506	938	737	556	282	181	193	195	9
10	124	106E	162	244	514	943	731	540	279	179	195	193	10
11	123	106E	167	248	518	942	727	526	276	177	196	192	11
12	123	106E	173	248	522	937	737	515	273	176	197	190	12
13	123	106E	179	248	527	926	767	505	269	174	197	189	13
14	122	106E	186	248	530	915	798	494	266	172	199	185	14
15	122	107E	191	248	535	904	819	482	263	170	204	183	15
16	121	107E	194	247	543	898	831	471	257	169	206	179	16
17	120	108E	198	248	549	887	834	458	250	167	209	175	17
18	120	108E	201	249	557	902	832	448	247	166	213	160B	18
19	119	110E	204	253	565	907	827	436	243	166	217	165B	19
20	118	109E	206	258	570	905	821	422	240	164	220	161B	20
21	117	112E	206	265	577	905	811	409	236	163	220	159B	21
22	116	118A	209	277	586	897	802	398	232	162	221	153B	22
23	116	121	211	288	599	885	790	389	227	161	222	148B	23
24	115	124	211	302	614	876	778	379	224	160	224	140B	24
25	115	127	213	324	633	869	766	368	220	160	225	127B	25
26	115	130	214	347	655	858	755	357	216	160	225	126B	26
27	114	133	215	366	676	841	746	346	210	159	225	133B	27
28	114A	136	216	379	698	828	735	336	206	159	222	132B	28
29	113E		218	391	725	816	724	329	203	158	219	131B	29
30	112E		221	401	759	804	710	321	200	158	217	130B	30
31	111E		222		797		697	313		160		132B	31
TOTAL	3 744	3 160	5 782	8 166	17 416	26 825	23 960	14 616	7 710	5 338	6 088	5 350	TOTAL
MEAN	121	113	186	272	562	894	773	471	257	172	203	173	MEAN
MAX	134	136	222	401	797	943	834	683	307	197	225	216	MAX
MIN	111	106	140	224	413	804	697	313	200	158	164	126	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 352
MAXIMUM DAILY, 943 ON JUN 10
MINIMUM DAILY, 106E ON FEB 9
MAXIMUM INSTANTANEOUS,
946 AT 15:30 PST ON JUN 10

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 49 37 N
LONG 119 41 57 W
DRAINAGE AREA, 16 200 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	323 000	JUL	2 070 000
FEB	274 000	AUG	1 260 000
MAR	500 000	SEP	666 000
APR	706 000	OCT	461 000
MAY	1 500 000	NOV	527 000
JUN	2 320 000	DEC	462 000

TOTAL DISCHARGE, 11 100 000 dam³

SPAHATS CREEK NEAR THE MOUTH - STATION NO. 08LA021

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.169E	1.62	5.17	5.30E	1.82	0.828	---	---	---	1
2	---	---	---	0.165E	1.63	5.36	4.25E	1.89	0.825	---	---	---	2
3	---	---	---	0.162E	1.72	5.62	3.67	1.89	0.970	---	---	---	3
4	---	---	---	0.152E	1.79	4.83	4.26	1.88	1.01	---	---	---	4
5	---	---	---	0.160E	1.82	4.74	3.74	1.85	1.03	---	---	---	5
6	---	---	---	0.166E	1.84	4.26	3.00E	1.84	0.816	---	---	---	6
7	---	---	---	0.161E	1.98	4.79	2.55	1.84	1.21	---	---	---	7
8	---	---	---	0.165E	1.98	4.46	2.44	1.62	1.20 E	---	---	---	8
9	---	---	---	0.165E	1.74	4.50	2.46	1.38	1.13 E	---	---	---	9
10	---	---	---	0.164E	1.63	4.26	2.36	1.46	0.980E	---	---	---	10
11	---	---	---	0.160E	1.49	3.37	2.48	1.01	1.01 E	---	---	---	11
12	---	---	---	0.165	1.51	2.81	2.32	0.938	1.17	---	---	---	12
13	---	---	---	0.151E	1.76	2.59	2.57	0.752	1.24 E	---	---	---	13
14	---	---	---	0.164	1.85	5.10	5.52	0.704	1.39	---	---	---	14
15	---	---	---	0.203	2.04	4.88	4.89	0.698	1.28	---	---	---	15
16	---	---	---	0.273	2.36	4.07	4.98	0.594	1.09	---	---	---	16
17	---	---	---	0.261	2.70	6.76	2.87	0.619	1.18	---	---	---	17
18	---	---	---	0.414	2.24	5.10	3.06	0.784	1.09	---	---	---	18
19	---	---	---	0.559	2.14	4.06	5.56	0.573	1.03	---	---	---	19
20	---	---	---	0.766	2.28	3.84	5.30E	0.517	0.994	---	---	---	20
21	---	---	---	1.22	2.17	3.85	6.06	0.467	0.950	---	---	---	21
22	---	---	---	1.08	4.50	4.10	7.05	0.361	0.875	---	---	---	22
23	---	---	---	1.11	6.01	5.78	10.3	0.351	0.807	---	---	---	23
24	---	---	---	1.42	6.12	4.19	12.3	0.342	0.736	---	---	---	24
25	---	---	---	1.82	5.69	3.56	10.5	0.330	0.712	---	---	---	25
26	---	---	---	1.67	5.64	3.08	4.82	0.345	0.705E	---	---	---	26
27	---	---	---	1.53	6.41	3.19	4.29	0.380	0.710E	---	---	---	27
28	---	---	---	1.38	3.33	2.87	2.26	0.393	0.740E	---	---	---	28
29	---		---	1.45	4.60	3.60	1.84	0.457	0.708	---	---	---	29
30	---		---	1.51	7.77	6.80	1.64	0.485	0.706E	---	---	---	30
31	---		---		8.20		1.68	0.420		---		---	31
TOTAL	---	---	---	19.237	94.61	131.97	144.25	28.721	29.078	---	---	---	TOTAL
MEAN	---	---	---	0.641	3.05	4.40	4.65	0.926	0.969	---	---	---	MEAN
MAX	---	---	---	1.82	8.20	6.80	12.3	1.89	1.39	---	---	---	MAX
MIN	---	---	---	0.151	1.49	2.59	1.64	0.330	0.705	---	---	---	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 12.3 ON JUL 24

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 44 03 N
LONG 120 00 27 W

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	12 500
FEB	---	AUG	2 480
MAR	---	SEP	2 510
APR	1 660	OCT	---
MAY	8 170	NOV	---
JUN	11 400	DEC	---

SPANOMIN CREEK NEAR THE MOUTH - STATION NO 08LG050

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.0838	0.2528	0.320	0.295	0.755	3.54	2.01	0.979	0.306	0.208	0.095	0.1418	1
2	0.0888	0.2488	0.333	0.288	0.833	4.44	2.04	0.827	0.282	0.208	0.119	0.1328	2
3	0.0858	0.2308	0.335	0.284	0.900	4.70	1.89	0.785	0.259	0.195	0.133	0.1258	3
4	0.0838	0.2158	0.326	0.289	0.868	4.65	1.82	0.768	0.302	0.183	0.146	0.1338	4
5	0.0808	0.2068	0.370	0.296	1.01	4.58	1.80	0.733	0.336	0.167	0.126	0.1448	5
6	0.1308	0.2208	0.341	0.297	1.08	4.37	1.76	0.732	0.282	0.150	0.116	0.1528	6
7	0.1708	0.2088	0.383	0.306	1.15	4.15	1.72	0.710	0.247	0.143	0.110	0.1488	7
8	0.2108	0.2988	0.378	0.310	1.20	3.94	1.71	0.705	0.232	0.138	0.103	0.1568	8
9	0.2158	0.2508	0.431	0.304	1.27	3.91	1.71	0.706	0.230	0.128	0.099	0.1688	9
10	0.2088	0.2068	0.466	0.297	1.30	3.89	1.82	0.696	0.236	0.123	0.100	0.1718	10
11	0.2508	0.2508	0.486	0.294	1.19	3.66	1.86	0.715	0.234	0.108	0.116	0.1648	11
12	0.2908	0.2908	0.436	0.283	1.19	3.30	1.84	0.687	0.214	0.103	0.110	0.2008	12
13	0.2808	0.2508	0.380	0.272	1.21	3.16	1.68	0.657E	0.215	0.100	0.121	0.3008	13
14	0.2358	0.3208	0.371	0.276	1.25	3.06	1.67	0.614E	0.231	0.108	0.110	0.4258	14
15	0.1958	0.3048	0.358	0.276	1.39	3.11	1.67	0.577E	0.231	0.110	0.119	0.4008	15
16	0.2058	0.298	0.365	0.274	1.38	2.91	1.62	0.565E	0.255	0.111	0.121	0.3488	16
17	0.2158	0.328	0.386	0.277	1.38	2.88	1.66	0.517E	0.268	0.107	0.128	0.3158	17
18	0.2358	0.380	0.363	0.276	1.46	2.78	1.68	0.483E	0.319	0.106	0.125	0.2958	18
19	0.2438	0.335	0.338	0.272	1.48	2.85	1.57	0.460A	0.279	0.118	0.125	0.2638	19
20	0.2358	0.318	0.325	0.284	1.76	2.71	1.58	0.417	0.263	0.109	0.132	0.2308	20
21	0.2258	0.322	0.303	0.306	1.80	2.78	1.39	0.380	0.284	0.103	0.143	0.1908	21
22	0.2188	0.306	0.310	0.262	1.88	2.80	1.22	0.369	0.264	0.109	0.135	0.2008	22
23	0.2128	0.272	0.303	0.247	2.10	2.73	1.21	0.338	0.262	0.098	0.114	0.1988	23
24	0.2508	0.428	0.308	0.418	2.24	2.69	1.21	0.319	0.238	0.102	0.152	0.1888	24
25	0.3008	0.384	0.288	0.468	2.46	2.61	1.23	0.364	0.233	0.089	0.179	0.2208	25
26	0.3508	0.368	0.289	0.883	2.67	2.51	1.07	0.301	0.218	0.099	0.189	0.2178	26
27	0.4158	0.347	0.285	0.686	3.69	2.39	0.968	0.269	0.213	0.097	0.182	0.2608	27
28	0.3308	0.328	0.285	0.681	2.88	2.13	0.951	0.301	0.203	0.096	0.196	0.2208	28
29	0.2808		0.276	0.645	2.85	2.00	0.932	0.315	0.197	0.092	0.1448	0.2508	29
30	0.2658		0.288	0.728	3.15	1.97	0.883	0.286	0.193	0.095	0.1498	0.3208	30
31	0.2528		0.281		3.38		0.828	0.282		0.092		0.3408	31
TOTAL	6.849	8.596	10.705	11.183	53.485	96.25	44.033	16.819	7.731	3.810	3.942	7.068	TOTAL
MEAN	0.221	0.307	0.345	0.373	1.89	3.21	1.49	0.543	0.258	0.123	0.131	0.228	MEAN
MAX	0.415	0.428	0.486	0.728	3.36	4.70	2.04	0.979	0.302	0.208	0.196	0.425	MAX
MIN	0.085	0.205	0.276	0.272	0.755	1.87	0.883	0.282	0.193	0.092	0.095	0.125	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.761
MAXIMUM DAILY, 4.70 ON JUN 3
MINIMUM DAILY, 0.0858 ON JAN 3
MAXIMUM INSTANTANEOUS,
4.80 AT 09:00 PST ON JUN 3

TYPE OF GAUGE - RECORDING
LOCATION - LAT 59 06 06 N
LONG 129 16 30 W
DRAINAGE AREA, 341 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	591	JUL	3 680
FEB	743	AUG	1 450
MAR	925	SEP	668
APR	966	OCT	329
MAY	4 630	NOV	341
JUN	8 320	DEC	611

TOTAL DISCHARGE, 23 400 dam³

SPATSIZI RIVER NEAR THE MOUTH - STATION NO 08CA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5 000	7 500	6 200	5 000	11 00	4200	198	118	82.3	45.0	16.20	9.900	1
2	5 000	7 450	6 250	4 950	14 00	4800	214	108	81.5	47.6	16.10	9.900	2
3	5 000	7 250	6 300	4 900	17 00	493	232	102	79.9	47.0	17.90	9.900	3
4	5 000	7 000	6 350	4 800	21 00	377	252	96.1	77.2	47.0	17.00	9.800	4
5	5 000	7 000	6 350	4 650	26.00	288	312	84.3	74.0	47.2	16.10	9.800	5
6	6 600	7 000	6 100	4 600	33 00	303	181	77.9	70.1	45.3	15.10	8.200	6
7	6 400	7 050	6 050	4 500	33 00	178	167	76.9	73.1	43.6	14.80	8.600	7
8	6 300	7 100	6 000	4 450	43 00	170	158	72.9	74.6	41.2	14.40	8.400	8
9	6 000	7 100	6 000	4 400	50 00	163	148	67.4	68.0	38.8	14.20	8.200	9
10	7 000	7 100	6 000	4 350	58 00	205	140	64.5	61.1	36.2	14.10	8.300	10
11	7 900	7 050	6 000	4 350	66 00	522	133	64.4	58.0	35.8	14.10	8.600	11
12	8 000	7 000	6 000	4 350	73 00	230	129	63.1	59.5	36.6	14.10	9.000	12
13	8 050	6 950	6 000	4 300	78 00	220	119	58.2	64.7	36.7	14.00	9.200	13
14	8 200	6 900	6 000	4 350	84 00	195	108	55.4	64.8	33.6	13.80	9.200	14
15	8 300	6 800	6 100	4 400	91 00	200	97.7	52.5	64.2	29.6	13.80	8.800	15
16	8 400	6 800	6 000	4 450	86 00	237	97.7	55.9	63.3	27.5	13.30	8.300	16
17	8 350	6 800	6 000	4 450	100 0	220	96.6	55.2	60.0	32.2	13.00	7.900	17
18	8 000	6 850	6 000	4 900	90 00	214	95.7	53.7	47.5	33.0	12.70	7.800	18
19	7 900	8 900	6 000	4 700	78 00	200	91.1	54.0	45.0	30.4	12.00	7.800	19
20	7 850	7 000	5 800	4 900	80 00	333	88.6	57.4	43.8	29.8	11.80	7.700	20
21	7 900	7 000	5 800	5 050	103 0	216	103	63.6	44.7	28.4	11.50	7.500	21
22	7 350	7 000	5 550	5 300	102 0	283	118	58.6	45.1	30.6	11.50	7.400	22
23	7 050	7 000	5 300	5 000	101 0	266	103	55.9	46.5	28.0	11.50	7.400	23
24	7 050	6 950	5 150	5 000	101 0	266	91.8	56.0	47.1	27.6	11.40	7.500	24
25	7 100	6 400	5 150	5 300	100 0	266	88.7	58.5	47.8	25.90	11.30	7.500	25
26	7 300	6 100	5 200	5 900	93 00	233	91.5	61.7	50.3	23.10	11.30	7.400	26
27	7 300	6 000	5 200	7 400	81 00	209	110	60.8	50.1	23.40	10.90	7.400	27
28	7 350	6 000	5 200	8 000	78 00	191	138	57.1	48.3	20.90	10.40	7.200	28
29	7 400		5 200	9 300	80.00	176	123	55.3	43.8	19.80	10.20	7.100	29
30	7 400		5 200	10 4 0	138 0	171	111	53.7	42.4	18.70	10.00	7.000	30
31	7 500		5 200		230 0		108	51.8		18.20		7.000	31
TOTAL	247.00	192.85	178.50	181.75	2 449.0	7 686	4 110.4	2 155.8	1 873.2	1 026.7	402.2	256.90	TOTAL
MEAN	7.97	6.86	5.76	5.38	79.0	256	133	69.5	55.6	33.2	13.4	8.29	MEAN
MAX	8.60	7.50	6.35	10.4	230	493	332	118	77.2	47.6	16.2	9.90	MAX
MIN	7.05	6.00	5.15	4.30	11.6	170	88.7	51.8	42.4	18.2	10.0	7.00	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 56.3
MAXIMUM DAILY, 493 ON JUN 3
MINIMUM DAILY, 4.300 ON APR 13
MAXIMUM INSTANTANEOUS,
512 AT 13:30 PST ON JUN 3

TYPE OF GAUGE - RECORDING
LOCATION - LAT 57 40 13 N
LONG 128 05 13 W
DRAINAGE AREA, 3 490 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	21 300	JUL	355 000
FEB	15 500	AUG	186 000
MAR	15 400	SEP	145 000
APR	15 000	OCT	88 500
MAY	212 000	NOV	34 800
JUN	664 000	DEC	22 200

TOTAL DISCHARGE, 1 760 000 dam³

SPILLIMACHEEN RIVER NEAR SPILLIMACHEEN - STATION NO. 08NA011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5 620	4 920	4 46	4 52	20.0	186	92 8	76 1	51 0	12 6	16 4	4 008	1
2	5 538	4 908	4 47	4 48	21 4	139	82 9	94 1	56 3	12 5	13 6	3 918	2
3	5 438	4 798	4 47	4 62	23 7	134	80 8	88 8	54 6	12 2	12 9	3 918	3
4	5 618	5 008	4 54	4 56	25 5	123	81 5	76 6	46 5	12 3	15 7	3 918	4
5	5 668	4 958	4 50	4 76	26 3	108	82 8	71 2	40 4	13 4	15 X	3 948	5
6	5 638	5 018	4 48	4 91	28 1	105	88 9	76 2	30 1	11 8	13 5	4 308	6
7	5 608	4 908	4 45	5 73	32 0	118	114	77 6	29 5	11 5	12 5	4 608	7
8	5 718	4 988	4 55	5 89	33 6	127	102	76 6	24 3	11 2	11 9	4 878	8
9	5 738	4 988	4 80	5 46	32 0	127	92 0	80 2	32 1	11 3	11 0	5 428	9
10	5 668	4 948	4 85	5 21	28 0	127	79 3	79 6	30 0	11 2	11 3	7 408	10
11	5 628	P 928	4 97	5 25	28 5	114	80 5	85 5	19 4	10 8	11 1	7 708	11
12	5 628	4 49	4 84	5 01	26 7	93 7	219	92 2	10 8	10 4	10 8	7 698	12
13	5 618	4 52	4 91	4 77	21 0	85 0	206	73 8	17 6	10 4	10 8	7 698	13
14	7 008	4 57	5 09	4 82	33 1	86 0	197	73 8	18 6	10 5	10 5	7 808	14
15	9 258	4 66	4 88	4 87	34 7	97 8	141	68 5	18 1	10 4	10 3	7.838	15
16	9 708	4 58	4 55	5 35	35 8	106	105	62 2	17 7	9 85	10 3	7.428	16
17	8 108	4 54	4 60	5 74	37 9	112	91 3	58 6	19 4	9 82	10 3	6 748	17
18	7 688	4 50	4 20	6 57	38 1	120	84 1	55 6	17 2	9 79	10 2	5.108	18
19	7 578	4 48	3 89	7 96	36 8	93 3	82 9	47 1	15 6	9 62	9 80	3 658	19
20	6 678	4 48	4 00	8 98	39 5	77 9	90 6	47 2	15 1	9 62	9 65	2 838	20
21	6 008	4 50	4 85	10 7	46 7	67 5	84 6	43 9	15 0	9 74	9 47	2 748	21
22	5 518	4 45	4 38	12 5	53 9	64 2	80 2	41 9	14 8	9 84	9 17	2 708	22
23	5 408	4 43	4 51	13 8	63 2	71 0	77 5	43 5	14 8	11 4	8 82	2.688	23
24	5 308	4 52	4 84	17 1	80 7	81 0	78 1	47 5	14 9	10 3	7 83	2.638	24
25	5 208	4 68	4 43	26 7	93 4	88 9	91 8	53 4	15 8	9 81	8 56	2.588	25
26	5 138	4 75	4 29	28 2	103	72 5	88 2	46 6	18 1	10 5	8 99	2.488	26
27	5 088	4 69	4 55	23 0	102	70 0	71 8	43 2	20 6	12 1	8 78	3.408	27
28	4 998	4 49	4 57	21 2	118	75 5	84 3	51 5	16 5	12 2	8 44	3 908	28
29	4 708		4 45	19 4	140	87 2	82 5	49 1	14 0	11 1	4 74	5 718	29
30	4 548		4 64	20 2	151	106	82 5	47 5	13 1	10 7	4 35	6 378	30
31	4 788		4 81		163		87 4	48 5		12 9		6 918	31
TOTAL	186 82	131 70	141 95	304 50	1 744 8	3 040 8	3 024 7	1 877 4	720 8	340 89	315 10	153 96	TOTAL
MEAN	6 02	4 70	4 58	10 2	56 3	101	97 6	83 8	24 0	11 0	10 5	4 97	MEAN
MAX	9 70	5 01	5 09	26 7	163	186	219	94 1	56 3	12 7	16 4	7 83	MAX
MIN	4 54	4 43	3 89	4 49	20 0	64 3	82 5	41 9	13 1	9 62	4 35	2 63	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 33 1
MAXIMUM DAILY, 219 ON JUL 12
MINIMUM DAILY, 2 638 ON DEC 24
MAXIMUM INSTANTANEOUS,
304 AT 20 55 MST ON JUL 12

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 54 15 N
LONG 116 24 21 W
DRAINAGE AREA, 1 430 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	16 100	JUL	261 000
FEB	11 400	AUG	171 000
MAR	12 300	SEP	62 300
APR	26 300	OCT	29 500
MAY	151 000	NOV	27 200
JUN	263 000	DEC	13 300

TOTAL DISCHARGE, 1 040 000 dam³

SPIUS CREEK NEAR CANFORD - STATION NO 08LG008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1 288	2 04	5 56	8 12	33 7	88 6	11 2	3 28	1.27	1.51	8 40E	2.90E	1
2	1 458	2 01	5.31	7 87	35 0	57 0	14 3	3 08	3.70	1.47	8 30A	2 40E	2
3	1 658	1 70	5 06	7 57	32 9	42 8	13 4	2 81	2.77	1.41	7 00E	2.458	3
4	1 908	1 758	4 78	7 51	31 5	34 9	11 1	2 67	2.13	1.58	8 00E	2.508	4
5	2.208	1 808	4 50	7 76	32 9	32 0	10 2	2 37	1.84	1.76	8 40E	2 408	5
6	2 608	1 858	4.53	8 78	36 2	32 9	9 50	2 28	1 62	1 80	7 00E	2.378	6
7	2 908	1 908	4 42	9 25	33 6	34 6	8 23	2 15	1 55	1 49	6 00E	2 388	7
8	3 308	1 958	4 47	9 41	30 1	32 7	7 32	2 05	1 51	1 41	5 80E	2.428	8
9	3 508	2 008	8 86	8 82	26 3	32 6	6 85	2 16	1 33	1 37	5 00E	2.488	9
10	3 808	2 05	17 4	8 21	24 0	32 4	6 24	2 18	1 41	1 33	4 90E	2.528	10
11	4 408	2 18	16 5	7 74	23 4	25 4	6 91	2 75	2 32	1 28	4 80E	2 808	11
12	8 008	4 31	14.3	7 60	24 0	23 7	10 9	2 99	2 18	1 24	5 40E	2 678	12
13	5 308	8 51	13 9	7 12	26 8	21 1	12 2	2 41	1 87	1.21A	5 00E	2 748	13
14	4 808	5 88	11 7	7 08	31 0	20 3	15 4	2 12	1 88	1.21E	4 90E	2 748	14
15	4 008	4 51	10 8	7 48	30 6	22 1	11 2	1 92	1 46	1.20E	5.40E	2 708	15
16	3.508	4 17	10 2	8 96	32 3	20 0	9 21	1 70	1 54	1.21E	8 00E	2 508	16
17	3 608	4.42	9 67	11 0	33 7	22 7	8 25	1 59	2 78	1.22A	11 0 E	2 358	17
18	3 708	6 58	9 14	13 8	31 8	18 9	7 44	1 58	2 58	1.30E	8 00E	2 208	18
19	3 208	5 44	8 72	16 9	33 2	15 7	6 77	1 56	2.17	1.40E	7 30E	2 008	19
20	3 008	4 88	8 47	20 1	46 1	13 8	6 24	1 38	1.88	1.46E	7 00E	2 008	20
21	3.93	4.46	8 18	21 4	70 7	13 7	5 97	1 27	1.88	1.35E	8 20E	1.908	21
22	3 58	4 37	8 05	21 7	88 7	13 5	5 46	1 18	2.17	2.50E	5 58A	1 808	22
23	3 44	5.20	7 88	24 5	71 5	16 0	5 16	1 09	2 00	3.20E	5 34A	1 708	23
24	3 35	6 87	7 88	33 2	74 5	14 5	4 81	1 03	1 84	3 80E	5 34A	1 678	24
25	3 35	7 28	7 84	34 3	73 3	12 5	4 88	1 00	1 66	2.39A	4 80E	1 838	25
26	3 58	6.80	7 48	27 7	66 5	13 3	4 36	0 967	1.56	2 70E	4 40E	1 598	26
27	3 80	6 25	7 57	23 6	64 5	13 6	4 04	0 905	1.57	3.88A	4 10E	1 628	27
28	3 50	5.61	7 40	23 1	66 5	13 6	3 85	0 928	1 67	4 20E	3 80E	1.628	28
29	3 52		7 53	25 3	82 1	15 3	3 65	1 25	1.60	4 00E	3.40A	1.688	29
30	3 18		8.38	30 4	83 1	13 4	3 34	1 20	1 58	3.60E	3 10E	1 788	30
31	3 11		8.22		76 0		3 17	1 18		4.52E		1.688	31
TOTAL	92 84	114 79	283 56	466.32	1 628 2	745.0	241 19	57 088	57 26	82 05	177.06	87.93	TOTAL
MEAN	2 99	4.10	9 50	15 3	46 1	24 8	7.78	1.84	1.91	2 00	5 90	2.19	MEAN
MAX	8 00	7 28	17 4	34 3	83 1	88 6	15 4	3 28	3.70	4.50	11.0	2.90	MAX
MIN	1.28	1 70	4.42	7 08	23 4	12.5	3.17	0 905	1.27	1.20	3 10	1.50	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 10.3
MAXIMUM DAILY, 83.1 ON MAY 30
MINIMUM DAILY, 0 905 ON AUG 27
MAXIMUM INSTANTANEOUS,
99.2 AT 22:59 PST ON MAY 29

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 08 07 N
LONG 121 01 47 W
DRAINAGE AREA, 700 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	8 020	JUL	20 500
FEB	9 920	AUG	4 530
MAR	22 800	SEP	4 550
APR	39 400	OCT	9 350
MAY	123 000	NOV	15 300
JUN	64 400	DEC	9 570

TOTAL DISCHARGE, 335 000 dam³

SPLIT CREEK AT THE MOUTH - STATION NO. 08NB016

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.502B	0.349	0.280	0.244	0.728	7.75	3.74	3.56	1.82	0.774	0.780	0.531	1
2	0.456B	0.340	0.258	0.246	0.783	6.34	3.43	4.08	1.95	0.830	0.740	0.545	2
3	0.444B	0.325	0.260	0.256	0.887	5.81	4.01	4.06	1.94	0.831	0.780	0.570	3
4	0.424B	0.303	0.252	0.284	0.946	5.17	3.67	3.31	1.87	0.838	0.854	0.536	4
5	0.405B	0.2028	0.245	0.295	0.995	4.75	3.50	3.07	1.88	0.823	0.888	0.577	5
6	0.380B	0.2038	0.230	0.273	1.09	4.24	4.28	3.03	1.53	0.770	0.780	0.557	6
7	0.359B	0.260B	0.229	0.290	1.26	4.82	5.61	2.92	1.48	0.770	0.780	0.545	7
8	0.339B	0.320	0.228	0.277	1.43	5.27	4.85	2.86	1.31	0.740	0.800	0.522	8
9	0.320B	0.295	0.238	0.268	1.36	6.21	3.77	2.91	1.25	0.750	0.780	0.584	9
10	0.300B	0.289	0.247	0.268	1.22	6.02	3.04	2.92	1.12	0.780	0.780	0.598	10
11	0.284B	0.281	0.250	0.285	1.16	4.43	3.02	3.32	1.07	0.740	0.780	0.564	11
12	0.292B	0.305	0.238	0.271	1.12	3.54	8.10	4.73	1.05	0.692	0.780	0.485	12
13	0.301B	0.310	0.234	0.276	1.22	3.21	7.10	3.08	1.06	0.648	0.720	0.485	13
14	0.263B	0.317	0.230	0.277	1.39	3.36	7.89	2.88	1.20	0.720	0.692	0.474	14
15	0.223B	0.338	0.227	0.287	1.47	3.90	8.33	2.52	1.10	0.688	0.700	0.488	15
16	0.257A	0.317	0.223	0.297	1.54	4.73	6.81	2.28	1.19	0.604	0.730	0.417	16
17	0.268A	0.325	0.226	0.310	1.54	4.84	5.40	2.13	1.18	0.618	0.700	0.427	17
18	0.290A	0.308	0.227	0.388	1.58	4.56	4.85	2.01	1.13	0.651	0.884	0.417	18
19	0.268A	0.293	0.261	0.383	1.48	3.62	4.31	1.90	1.04	0.687	0.687	0.448	19
20	0.345	0.294	0.238	0.434	1.85	3.32	4.29	1.88	0.980	0.626	0.698	0.427	20
21	0.328	0.295	0.226	0.479	1.83	3.05	4.13	1.78	0.991	0.643	0.577	0.460	21
22	0.342	0.280	0.236	0.498	1.86	3.05	3.81	1.57	1.04	0.720	0.584	0.488	22
23	0.338	0.282	0.240	0.519	2.43	3.34	3.59	1.58	1.01	0.678	0.591	0.530	23
24	0.337	0.283	0.224	0.702	2.97	4.37	3.75	1.69	1.01	0.611	0.577	0.523A	24
25	0.348	0.297	0.227	0.887	4.19	3.87	4.01	2.32	0.981	0.643	0.570	0.518A	25
26	0.318	0.280	0.237	0.789	4.80	3.28	3.90	1.97	0.932	0.659	0.557	0.588	26
27	0.355	0.274	0.235	0.784	4.87	3.06	3.41	1.89	0.907	0.770	0.567	0.402	27
28	0.361	0.278	0.246	0.724A	5.68	3.23	3.08	1.72	0.854	0.692	0.631	0.404	28
29	0.355		0.247	0.685	7.73	3.52	2.94	1.77	0.838	0.667	0.557	0.389	29
30	0.357		0.249	0.735	8.81	4.81	2.93	1.72	0.825	0.611	0.591	0.389	30
31	0.356		0.242		8.81		3.28	1.65		0.720		0.405	31
TOTAL	10.635	8.271	7.432	12.561	78.840	131.54	135.28	78.94	36.348	21.923	20.705	15.351	TOTAL
MEAN	0.380	0.295	0.240	0.419	2.55	4.38	4.36	2.55	1.21	0.707	0.680	0.495	MEAN
MAX	0.502	0.349	0.280	0.887	8.81	7.75	8.10	4.73	1.95	0.838	0.884	0.618	MAX
MIN	0.223	0.202	0.223	0.244	0.728	3.05	2.94	1.57	0.825	0.604	0.531	0.389	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.83
MAXIMUM DAILY, 8.81 ON MAY 30
MINIMUM DAILY, 0.2028 ON FEB 5
MAXIMUM INSTANTANEOUS,
9.13 AT 07:30 MST ON JUL 12

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 31 35 N
LONG 116 53 51 W
DRAINAGE AREA, 81.3 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	938	JUL	11 700
FEB	715	AUG	6 820
MAR	642	SEP	3 140
APR	1 090	OCT	1 880
MAY	6 820	NOV	1 790
JUN	11 400	DEC	1 330

TOTAL DISCHARGE, 48 300 dam³

SPROAT LAKE NEAR ALBERNI - STATION NO. 08NB015

DAILY WATER LEVEL IN METRES FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.136	2.476	2.800	2.086	1.518	1.580	1.456	1.370	1.136	0.990	1.826	2.252	1
2	2.122	2.480	2.884	2.170	1.516	1.580	1.456	1.360	1.132	0.978	2.002	2.212	2
3	2.110	2.488	2.952	2.184	1.512	1.562	1.448	1.348	1.122	0.976	2.196	2.110	3
4	2.122	2.472	2.936	2.108	1.506	1.542	1.446	1.336	1.118	0.968	2.348	2.048	4
5	2.106	2.106	2.348	2.084	1.494	1.526	1.434	1.324	1.112	0.956	2.394	1.952	5
6	2.082	2.076	2.250	2.023	1.490	1.496	1.418	1.312	1.100	0.946	2.456	1.894	6
7	2.220	2.000	2.244	1.980	1.500	1.480	1.410	1.296	1.112	0.940	2.446	1.836	7
8	2.434	1.968	2.254	1.934	1.554	1.480	1.400	1.286	1.120	0.930	2.380	1.864	8
9	2.494	1.940	3.074	1.892	1.546	1.494	1.398	1.286	1.112	0.920	2.340	1.848	9
10	2.440	1.970	3.180	1.848	1.534	1.570	1.386	1.256	1.120	0.912	2.342	1.813	10
11	2.702	2.880	3.156	1.796	1.522	1.698	1.532	1.240	1.130	0.902	2.752	1.824	11
12	2.934	3.064	3.110	1.788	1.514	1.686	1.686	1.226	1.132	0.896	2.918	1.836	12
13	2.940	3.780	3.056	1.702	1.510	1.658	1.702	1.212	1.131	0.886	2.982	1.816	13
14	2.868	3.720	3.074	1.678	1.526	1.636	1.720	1.196	1.126	0.878	2.974	1.814	14
15	2.752	3.868	3.014	1.636	1.512	1.622	1.716	1.186	1.114	0.870	3.057	1.890	15
16	2.602	3.512	2.886	1.610	1.502	1.600	1.694	1.188	1.110	0.860	3.068	1.880	16
17	2.532	3.520	2.754	1.580	1.494	1.602	1.674	1.172	1.100	0.862	3.054	1.808	17
18	2.548	3.572	3.620	1.576	1.482	1.624	1.638	1.160	1.114	0.858	3.088	1.784	18
19	3.064	3.448	2.902	1.570	1.474	1.606	1.614	1.148	1.098	0.850	3.078	1.746	19
20	2.996	3.450	2.806	1.558	1.478	1.588	1.592	1.134	1.084	0.852	3.068	1.696	20
21	2.884	3.240	3.322	1.542	1.482	1.570	1.570	1.126	1.068	1.056	3.258	1.646	21
22	2.758	3.152	2.222	1.538	1.500	1.556	1.540	1.118	1.070	1.086	3.080	1.588	22
23	2.618	3.350	2.168	1.534	1.512	1.532	1.510	1.112	1.086	1.618	2.874	1.586	23
24	2.650	3.488	2.094	1.528	1.530	1.514	1.488	1.100	1.080	1.630	2.828	1.614	24
25	2.702	3.368	2.002	1.532	1.548	1.506	1.480	1.086	1.062	1.672	2.748	1.628	25
26	2.900	3.248	1.984	1.530	1.556	1.494	1.438	1.078	1.038	1.798	2.688	1.498	26
27	2.986	3.088	1.952	1.530	1.530	1.486	1.430	1.068	1.030	1.818	2.618	1.472	27
28	2.900	2.944	1.948	1.518	1.534	1.480	1.424	1.098	1.012	1.808	2.532	1.480	28
29	2.790		1.982	1.520	1.538	1.470	1.410	1.138	1.006	1.782	2.454	1.398	29
30	2.670		2.080	1.520	1.570	1.448	1.398	1.156	0.998	1.828	2.386	1.578	30
31	2.554		2.128		1.588		1.388	1.140		1.829		1.800	31
MEAN	2.617	2.955	2.492	1.734	1.518	1.558	1.511	1.202	1.081	1.187	2.812	1.772	MEAN
MAX	3.064	3.780	3.180	2.170	1.570	1.698	1.720	1.370	1.138	1.829	3.088	2.252	MAX
MIN	2.082	1.940	1.948	1.518	1.474	1.448	1.388	1.068	0.998	0.859	1.826	1.398	MIN

SUMMARY FOR THE YEAR 1983

WATER LEVELS IN METRES

MEAN, 1.863
MAXIMUM DAILY, 3.986 ON NOV 16
MINIMUM DAILY, 0.859 ON OCT 18

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 17 05 N
LONG 124 55 00 W

REGULATED SINCE 1956

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

SPROAT RIVER NEAR ALBERNI - STATION NO. 08HB008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	53.7	75.1	88.8	56.3	22.4	24.0	18.7	12.8	8.10	4.84	38.6	63.4	1
2	53.7	69.2	88.4	59.3	22.2	23.6	18.3	12.5	8.07	4.64	50.0	58.4	2
3	55.0	63.6	80.6	57.2	22.0	23.2	18.0	12.3	8.61	4.61	60.4	51.7	3
4	54.8	58.7	73.9	56.3	21.8	22.8	17.7	11.7	8.88	4.56	69.0	48.5	4
5	53.3	55.0	67.7	53.8	20.9	21.7	17.4	11.2	8.99	4.50	71.1	45.5	5
6	52.1	51.2	62.7	49.2	22.0	20.8	16.9	10.4	8.07	4.43	72.3	42.3	6
7	50.2	48.3	60.4	47.5	23.2	20.4	16.6	10.3 E	8.95	4.30	74.6	39.2	7
8	73.5	46.8	58.0	46.0	24.0	20.1	16.3E	10.1	8.73	4.22	71.2	40.3	8
9	77.4	44.3	135	43.0	23.6	22.3	16.0E	9.86	8.88	4.08	69.2	39.7	9
10	87.1	47.1	131	39.7	23.4	30.5	15.4E	9.07	8.95	4.08	69.4	39.4	10
11	94.4	118	128	37.3	23.2	30.8	16.8	8.81	8.07	4.08	85.9	38.8	11
12	109	178	120	36.2	22.2	31.3	31.8	8.36	8.07	4.02	109	39.4	12
13	113	188	118	33.3	22.3	30.5	31.6	8.21	8.10	3.97	113	43.1	13
14	104	183	133	30.9	22.3	29.2	34.3	7.84	8.88	3.91	112	43.9	14
15	86.4	172	116	29.7	21.8	28.3	32.8	7.82	8.73	3.80	175	42.5	15
16	85.8	164	105	27.4	21.8	27.9	31.3	7.21	8.58	3.86	200	40.2	16
17	79.7	170	94.4	26.5	20.5	27.3	30.4	8.85	8.34	3.48	204	38.6	17
18	106	187	85.4	25.8	20.0	27.8	29.0	8.86	8.34	3.43	200	37.1	18
19	121	185	77.8	24.8	19.8	27.8	27.2	8.61	8.34	3.52	189	34.8	19
20	114	168	70.8	24.3	20.2	25.6	25.9	8.29	8.34	4.22	186	32.3	20
21	105	137	88.1	23.9	20.6	24.5	24.3	8.14E	8.28	13.0	139	29.8	21
22	95.1	129	80.2	23.2	21.8	24.0	23.2	8.84	8.23	20.1	122	27.8	22
23	86.8	147	87.2	23.0	22.4	23.4	21.8	8.58	8.23	23.9	106	25.8	23
24	84.7	160	93.3	22.9	23.2	22.5	20.3	8.44	8.23	23.8	101	24.0	24
25	90.8	148	80.0	22.7	24.0	21.3	18.8	8.40	8.02	28.7	92.7	21.9	25
26	117	132	68.5	22.7	23.8	20.7	18.1	8.37	8.02	32.6	80.3	21.2	26
27	118	123	65.5	22.6	23.2	19.6	17.8	8.31	8.88	38.8	88.2	20.0	27
28	107	110	64.9	22.4	22.9	19.3	16.9	8.51	8.81	38.0	80.4	20.0	28
29	97.3		67.7	22.0	23.8	18.7	16.3	8.07	8.78	38.4	76.0	18.9	29
30	85.6		64.0	22.0	24.8	18.3	15.9	8.29	8.69	38.2	69.4	20.0	30
31	77.5		55.4		24.5		13.9	8.32		38.6		24.5E	31
TOTAL	2 705.8	3 286.3	2 474.5	1 026.5	693.6	727.6	666.9	247.78	188.24	418.28	3 184.7	1 114.3	TOTAL
MEAN	87.3	117	79.8	34.3	22.4	24.3	21.6	7.99	8.54	13.5	106	35.9	MEAN
MAX	121	188	131	59.3	24.8	31.3	34.3	12.8	8.10	38.8	204	83.4	MAX
MIN	52.1	44.3	44.9	22.0	19.8	18.3	13.9	8.31	4.69	3.43	38.8	18.9	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 45.7
MAXIMUM DAILY, 204 ON NOV 17
MINIMUM DAILY, 3.43 ON OCT 18

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 17 23 N
LONG 124 54 37 W
DRAINAGE AREA, 347 km²

E - ESTIMATED
REGULATED SINCE 1956

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	234 000	JUL	57 800
FEB	284 000	AUG	21 400
MAR	214 000	SEP	14 400
APR	88 800	OCT	36 100
MAY	59 800	NOV	273 000
JUN	62 800	DEC	96 300

TOTAL DISCHARGE, 1 440 000 dam³

SQUAMISH RIVER NEAR BRACKENDALE - STATION NO. 08GA022

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	55.0E	63.6	135	97.6	226	895	381	501	381	101	305	58.6	1
2	60.0E	70.0E	125	86.6	180	838	418	475	478	85.7	429	64.1	2
3	63.0E	65.0E	115	87.3	188	928	430	488	371	82.4	431	68.5	3
4	64.0E	62.0E	114	80.1	186	681	354	383	363	108	383	60.7	4
5	65.0E	61.0E	109	76.0	177	368	349	329	308	102	288	61.7	5
6	60.0E	60.0E	95.7	71.7	184	372	384	337	299	93.4A	229	52.5	6
7	134 E	60.0E	63.0E	80.6	261	465	348	323	299	87.8	201	46.8	7
8	213	84.2E	72.6	87.1	193	649	288	390	206	83.0	175	53.4	8
9	187	85.0E	289	87.0E	169	606	272	473	169	79.2	180	59.4	9
10	187	71.3	246	76.0E	136	623	268	471	172	76.4	159	49.6	10
11	201	216	174	75.0E	149	516	727	496	226	59.0	384	47.8	11
12	276	374	135	79.5E	178	385	1 270	466	185	67.7	330	47.6	12
13	234	280	120	72.2A	196	335	1 010	431	170	82.5	284	52.2	13
14	173	192	136	74.0E	235	328	686	454	177	83.8	224	52.2	14
15	169	186	120	76.0E	203	460	578	408	168	69.5	467	48.1	15
16	93.8	146	101	84.9	218	477	441	343	184	46.1	588	43.2	16
17	91.2	173	92.2	111	223	534	447	303	178	54.4	384	38.5	17
18	117	182	86.1	130	237	493	470	295	138	59.5	270	32.5E	18
19	160	143	83.6	146	256	384	469	290	118	55.5	203	29.0E	19
20	139	162	80.6	163	328	317	617	290	110	64.5	171	27.5E	20
21	121	130	77.9	181	348	296	552	261	120	175	141	25.0E	21
22	88.2	135	73.9	171	358	326	488	256	153	485	131	24.0E	22
23	70.3	210	73.8	153	426	401	437	280	174	211	132	23.0E	23
24	87.6	332	78.3	207	487	485	448	302	185	145	108	22.5E	24
25	83.2	264	76.1	218	517	424	437	273	173	147	114	22.4E	25
26	120	191	76.4	173	451	370	453	251	165	599	83.8	22.5E	26
27	156	168	81.2	158	427	378	473	235	174	819	97.7	22.6E	27
28	138	148	83.3	165	495	398	537	292	133	313	86.5	24.0E	28
29	109		92.0	216	570	384	423	393	113	218	71.1	29.0E	29
30	76.1		118	241	784	378	392	361	102	580	63.5	35.0E	30
31	88.1		130		745		442	355		509		41.0E	31
TOTAL	3 778.3	4 235.1	3 480.3	3 780.6	9 805	13 509	15 442	11 204	6 183	5 673.9	7 013.7	1 283.2	TOTAL
MEAN	122	151	112	135	316	450	498	361	206	183	234	40.7	MEAN
MAX	276	374	289	241	784	823	1 270	601	478	819	588	84.1	MAX
MIN	55.0	60.0	63.0	71.7	135	295	295	239	102	48.1	63.5	22.4	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 234
MAXIMUM DAILY, 1 270 ON JUL 12
MINIMUM DAILY, 22.4E ON DEC 26
MAXIMUM INSTANTANEOUS,
1 380 AT 08:03 PST ON JUL 12

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 47 40 N
LONG 123 12 00 W
DRAINAGE AREA, 2 330 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1957

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	327 000	JUL	1 330 000
FEB	366 000	AUG	865 000
MAR	289 000	SEP	534 000
APR	324 000	OCT	480 000
MAY	847 000	NOV	606 000
JUN	1 170 000	DEC	109 000

TOTAL DISCHARGE, 7 370 000 dam³

ST. MARY RIVER AT WYCLIFFE - STATION NO. 08NG012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	9.878	10.5	10.8	13.2	65.4	311	154	52.6	27.6	15.1A	18.3	11.4 B	1
2	10.5 B	10.3	10.8	13.5	67.2	294	125	52.6	27.8	15.0A	21.4	10.1 B	2
3	11.1 B	9.83	10.9	13.8	70.3	285	124	51.8	26.4	14.7A	23.5	10.7 B	3
4	11.5 B	9.63	11.0	13.9	71.9	271	112	48.9	24.5	14.6A	51.4	11.5 B	4
5	11.5 B	9.64	10.9	14.2	71.6	227	107	45.4	23.7	14.8A	55.1	11.4 B	5
6	11.3 B	10.7	11.0	14.3	73.7	200	111	42.0	22.1	14.5A	46.2	11.9 B	6
7	11.3 B	11.3	10.9	15.2	76.0	203	118	41.5	21.1	14.4A	39.7	11.9 B	7
8	11.6 B	10.5	10.7	15.4	81.1	227	112	40.0	20.5	13.9A	34.7	12.5 B	8
9	12.6 B	10.3	10.9	16.7	76.8	232	105	39.2	27.5	13.9A	31.1	13.6 B	9
10	13.2 B	9.89	12.2	17.0	71.6	219	92.1	39.1	26.2	13.9A	29.0	14.9 B	10
11	13.1 A	9.98	14.6	16.5	68.2	200	82.0	44.8	26.0	13.5A	26.0	15.1 B	11
12	13.0	10.1	14.8	15.7	67.8	186	105	54.1	26.3	12.9	27.0	14.8 B	12
13	12.9 B	10.2	14.6	15.3	70.6	184 A	185	54.5	25.7	12.7	26.0	14.5 B	13
14	12.5 B	10.0	14.3	15.1	75.8	136	239	45.2	24.9	12.8	24.8	14.5 B	14
15	11.6 B	10.2	14.1	15.2	82.3	148	211	40.6	24.6	12.5	23.8	14.3 B	15
16	10.8 B	10.1	13.7	16.0	85.4	158	158	36.5	23.5	12.2	23.4	13.8 B	16
17	11.3 B	9.99	13.2	17.5	89.3	147	131	33.5	23.3	12.2	23.6	12.6 B	17
18	11.6 B	10.1	12.6	20.3	89.5	147	112	32.0	23.0	12.1	23.5	11.3 B	18
19	11.9	9.82	11.8	25.1	104	144	98.8	30.3	22.2	11.8	23.1	9.038	19
20	11.4	9.97	12.1	31.3	104	118	94.3	28.2	21.6	12.0	22.6	10.4 B	20
21	11.2	10.2	12.4	37.5	127	102	90.8	26.4	20.6	12.0	21.4	8.528	21
22	11.0	9.82	12.1	45.4	160	92.1	82.6	25.2	19.9	12.5	20.4	8.608	22
23	11.0	9.89	11.9	55.2	189	107	76.1	25.7	19.1	15.6	19.8	8.578	23
24	11.0	10.2	11.9	67.8	230	157	72.8	27.5	18.5	16.0	19.1	8.388	24
25	10.8	10.8	12.1	127	277	184	78.2	30.7	17.9	15.1	19.1	9.278	25
26	10.9	10.8	12.2	113	317	133	82.0	31.8	17.2	14.3	18.7	10.7 B	26
27	11.1	11.0	12.3	90.6	331	127	73.5	34.2	16.7	14.2	18.2	10.7 B	27
28	11.1	10.8	12.5	76.4	343	136	64.8	33.5	16.3	14.0	16.8	10.7 B	28
29	10.6 B		12.6	67.6	368	138	58.9	33.8	15.9	13.8	14.8	10.7 B	29
30	9.908		12.8	64.4	396	153	55.0	31.9	15.5	13.6	12.88	11.1 B	30
31	10.0 B		13.1		382		53.5	29.3		14.5		11.1 B	31
TOTAL	353.57	286.65	382.0	1 101.1	4 675.5	5 280.1	3 386.3	1 185.0	724.1	425.1	778.2	368.85	TOTAL
MEAN	11.4	10.2	12.3	36.7	151	176	109	38.2	24.1	13.7	25.9	11.8	MEAN
MAX	13.2	11.3	14.8	127	396	311	239	54.5	26.4	15.0	55.1	15.1	MAX
MIN	9.87	9.63	10.7	13.2	65.4	92.1	53.5	25.2	15.5	11.8	12.9	8.38	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 51.8
MAXIMUM DAILY, 396 ON MAY 30
MINIMUM DAILY, 8.388 ON DEC 24
MAXIMUM INSTANTANEOUS,
406 AT 09:35 MST ON MAY 30

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 38 01 N
LONG 115 51 46 W
DRAINAGE AREA, 2 360 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	30 500	JUL	291 000
FEB	24 800	AUG	102 000
MAR	33 000	SEP	62 600
APR	95 100	OCT	38 700
MAY	404 000	NOV	67 200
JUN	456 000	DEC	31 000

TOTAL DISCHARGE, 1 630 000 dam³

ST. MARY RIVER BELOW MORRIS CREEK - STATION NO. 08NG077

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.18 B	0.9488	0.9728	1.28	8.08E	38.8	18.3	7.95	3.25	1.77	4.71	1.678	1
2	1.21 B	0.8888	0.9908	1.27	8.59E	37.8	18.6	8.08	7.97	1.71	2.83	1.318	2
3	1.26 B	0.8308	1.01	1.27	9.25E	41.1	16.8	7.52	6.16	1.68	5.24	1.408	3
4	1.28 B	0.7788	1.06	1.29	9.43E	33.2	15.9	6.64	4.91	1.82	5.16	1.498	4
5	1.29 B	0.7638	0.988	1.37	9.31E	29.1	16.3	6.19	5.97	1.86	5.12	1.488	5
6	1.23 B	0.7688	0.949	1.49	8.78E	28.5	18.0	6.12	4.58	1.57	5.12	1.558	6
7	1.23 B	0.8478	0.918	1.82A	10.4 E	33.4	17.1	6.69	4.81	1.51	4.53	1.558	7
8	1.28 B	0.9028	0.946	1.84	10.8 E	32.8	14.9	6.55	3.85	1.44	4.09	1.638	8
9	1.32 B	0.9278	1.10	1.66	10.5 E	29.9	13.4	6.59	3.83	1.43	3.89	1.768	9
10	1.31 B	0.9288	1.67	1.61	10.0 E	28.3	12.0	6.23	3.67	1.40	3.86	1.938	10
11	1.20 B	0.9278	1.93	1.51	9.58E	23.0	13.9	6.80	4.08	1.35	3.48	1.958	11
12	1.21 B	0.9228	1.83	1.54	9.58A	18.5	37.2	8.31A	4.06	1.36	3.46	1.938	12
13	1.21 B	0.9188	1.43	1.62	11.9	17.7	42.8	5.57	3.65	1.35	3.36	1.908	13
14	1.18 B	0.9228	1.40	1.55	12.9	19.9	37.0	4.76	3.79	1.39	3.17	1.808	14
15	1.06 B	0.9288	1.36	1.63A	13.1	22.3	28.2	4.39	3.40	1.42	3.15	1.858	15
16	0.9958	0.9248	1.28	1.74E	13.3	19.7	20.1	4.07	3.28	1.34	3.08A	1.808	16
17	1.07 B	0.9238	1.22	2.03E	14.2	20.2	16.5	3.78	3.48	1.26	3.12	1.638	17
18	1.11 B	0.9218	1.16	2.45E	15.7	24.0	15.0	3.59	3.01	1.27	3.11	1.478	18
19	1.12 B	0.9218	1.37	2.95E	14.8	17.1	14.4	3.24	2.85	1.26	2.95	1.178	19
20	1.06 B	0.9308	1.13	3.55E	16.1	14.9	14.3	3.14	2.68	1.34	2.80	1.358	20
21	1.05 B	0.9198	1.03	4.32E	22.3	13.6	13.7	2.95	2.80	1.32	2.78	1.128	21
22	1.04 B	0.8188	1.02	5.20E	26.2	13.3	13.0	2.87	2.53	2.34	2.66	1.188	22
23	1.03 B	0.9238	0.972	6.32E	29.8	17.7	11.3	2.98	2.42	2.10	2.54	1.128	23
24	1.01 B	0.9528	1.02	8.50E	35.5	24.1	11.1	3.68	2.34	1.88	2.52	1.088	24
25	0.9798	0.9818	1.02	14.8 E	39.8	17.9	11.8	3.66	2.28	1.68	2.56	1.238	25
26	0.9858	1.00 B	1.04	13.0 E	43.1	15.8	14.0	4.15	2.21	1.72	2.56	1.398	26
27	1.02 B	0.9838	1.08	10.3 E	43.8	16.4	10.2	3.85	2.20	1.77	2.44	1.398	27
28	0.9908	0.9798	1.09	8.82E	46.2	18.0	8.90	4.59	2.01	1.70	2.308	1.398	28
29	0.9258		1.09	8.08E	48.9	21.0	8.39	4.12	1.86	1.78	1.928	1.408	29
30	0.8678		1.13	8.04E	47.8	27.2	8.26	3.82	1.82	1.84	1.818	1.448	30
31	0.8938		1.24		41.0		8.20	3.35		4.25		1.448	31
TOTAL	34.899	25.471	36.255	133.78	651.80	714.8	619.35	151.99	105.78	51.57	105.81	48.87	TOTAL
MEAN	1.12	0.910	1.17	4.13	21.0	23.8	15.8	4.90	3.53	1.66	3.53	1.51	MEAN
MAX	1.32	1.00	1.83	14.8	48.9	41.1	42.8	8.31	7.97	4.25	9.16	1.95	MAX
MIN	0.857	0.783	0.918	1.27	8.08	13.3	8.20	2.87	1.82	1.26	1.81	1.08	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.04
MAXIMUM DAILY, 48.9 ON MAY 29
MINIMUM DAILY, 0.7638 ON FEB 5
MAXIMUM INSTANTANEOUS,
57.7 AT 21:10 MST ON MAY 29

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 44 30 N
LONG 116 27 00 W
DRAINAGE AREA, 308 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	2 990	JUL	44 900
FEB	2 200	AUG	13 100
MAR	3 130	SEP	8 140
APR	10 700	OCT	4 480
MAY	66 300	NOV	8 140
JUN	61 800	DEC	4 050

TOTAL DISCHARGE, 232 000 dam³

ST. MARY RIVER NEAR MARYSVILLE - STATION NO 08NC046

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.81	7.29	7.31	8.89	47.4	231	122	43.3	21.3	12.7	18.4	10.1	1
2	8.35	8.85	7.44	9.24	49.3	219	101	43.8	23.1	12.4	18.0	7.95	2
3	8.79	8.42	7.41	9.43	51.4	217	88.8	43.3	29.0	12.0	19.0A	8.51	3
4	9.10	8.98	7.46	9.81	52.4	204	89.0	40.8	27.8	11.9	35.6	9.07	4
5	9.20	8.89	7.49	9.98	52.0	170	86.7	37.8	27.5	11.9	41.2	8.85	5
6	8.78	8.91	7.43	10.4	53.4	151	81.1	35.9	27.1	11.9	34.1	8.38	6
7	8.77	8.53	7.20	11.4	55.8	158	100	34.8	25.2	11.5	29.6	8.38	7
8	8.48	8.84	7.14	12.7	57.6	174	81.7	33.4	23.9	11.2	25.0	9.73	8
9	8.44	7.13	7.22	13.0	54.8	177	86.0	32.2	22.3	11.0	23.6	10.7	9
10	8.74	7.17	8.10	13.0	51.0	184	73.1	31.3	21.2	11.0	21.8	11.7	10
11	9.25	7.18	8.88	12.5	48.9	149	65.9	33.8	21.4	10.8	21.3	11.9	11
12	9.22	7.00	10.5	12.0	48.9	122	109	43.9	21.8	10.4	20.8	11.8	12
13	9.25	8.80	10.3	11.7	51.0	107	170	44.4	20.9	10.2	20.0	11.4	13
14	9.08	8.97	10.0	11.5	55.3	103	207	36.9	20.4	10.2	19.2	11.4	14
15	8.23	8.98	9.80	11.8	58.5	115	164	32.2	19.9	10.1	18.8	11.2	15
16	7.85	8.91	8.57	12.8	60.1	122	125	29.5	19.1	9.90	18.4	10.9	16
17	8.17	8.87	8.15	14.0	62.5	116	103	27.7	19.1	9.84	18.3	9.84E	17
18	8.53	8.83	8.87	15.3	60.5	118	88.8	25.4	18.8	9.81	18.1	8.90E	18
19	8.57	8.81	8.37	20.7	73.2	112	78.8	23.8	18.1	9.88	17.5	7.11E	19
20	8.13	8.89	8.40	25.0	71.2	81.1	76.0	22.7	17.4	9.95	17.0	8.17A	20
21	8.08	8.91	8.57	29.7	90.0	77.2	73.6	21.3	16.8A	9.91	16.5	8.79E	21
22	7.81	8.88	8.31	35.1	114	70.0	68.7	20.2	16.1	10.5	15.9	7.04E	22
23	7.86	8.94	8.23	43.1	136	82.0	61.1	20.1	15.7	13.2	15.8	8.78E	23
24	7.76	7.13	8.08	53.9	162	128	58.8	21.2	15.1	13.0	15.1	8.58E	24
25	7.53	7.38	8.05	95.6	190 E	130	80.0	24.6	14.6	12.1	14.9	7.46E	25
26	7.59	7.85	8.01	81.7	222 E	102	87.7	26.6	14.4	11.7	14.7	8.40E	26
27	7.88	7.45	8.11	64.3	233	86.7	81.5	27.8	14.0	11.4	14.3	8.40E	27
28	7.74	7.39	8.54	54.2	248	108	52.8	26.6	13.4	11.2	13.7	8.40E	28
29	7.09		8.59	49.0	271	107	48.4	26.9	13.3	11.0	11.5	8.44E	29
30	6.87		8.81	47.3	298	127	45.7	24.9	12.9	10.8	11.0	8.76A	30
31	6.89		8.87		270		44.3	22.8		12.2		8.78E	31
TOTAL	258.94	193.47	261.18	819.25	3 359.0	4 041.0	2 787.5	959.0	591.4	345.37	597.2	293.68	TOTAL
MEAN	8.35	8.91	8.43	27.3	108	135	89.3	30.9	19.7	11.1	19.9	9.15	MEAN
MAX	9.74	7.55	10.5	95.6	298	231	207	44.4	29.0	13.2	41.2	11.9	MAX
MIN	6.87	6.89	7.14	8.89	47.4	70.0	44.3	20.1	12.9	9.81	11.0	6.58	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 39.7
MAXIMUM DAILY, 298 ON MAY 30
MINIMUM DAILY, 6.89 ON FEB 6
MAXIMUM INSTANTANEOUS,
308 AT 10:15 MST ON MAY 30

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 36 29 N
LONG 116 10 07 W
DRAINAGE AREA, 1 480 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	22 400	JUL	239 000
FEB	15 700	AUG	82 900
MAR	22 500	SEP	51 100
APR	70 800	OCT	29 500
MAY	290 000	NOV	51 500
JUN	349 000	DEC	24 500

TOTAL DISCHARGE, 1 250 000 dam³

ST.MARY LAKE AT THE PUMPHOUSE - STATION NO. 08NA044

DAILY WATER LEVEL IN METRES FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.870	0.910	1.080	0.900	0.785	0.619	0.500	0.420	0.320	0.300	0.310	0.870	1
2	0.875	0.900	1.085	0.897	0.758	0.610	0.500	0.418	0.335	0.287	0.320	0.881	2
3	0.890	0.890	1.040	0.895	0.753	0.605	0.498	0.415	0.340	0.287	0.345	0.850	3
4	0.725	0.885	1.025	0.890	0.750	0.600	0.485	0.413	0.350	0.295	0.350	0.880	4
5	0.760	0.885	1.015	0.880	0.745	0.590	0.490	0.410	0.345	0.295	0.355	0.885	5
6	0.775	0.887	1.005	0.880	0.742	0.580	0.485	0.401	0.341	0.295	0.360	0.880	6
7	0.785	0.887	1.000	0.877	0.740	0.575	0.480	0.384	0.338	0.283	0.365	0.875	7
8	0.795	0.885	0.995	0.870	0.738	0.572	0.476	0.381	0.335	0.283	0.365	0.880	8
9	0.815	0.895	1.010	0.867	0.734	0.567	0.470	0.388	0.330	0.281	0.370	0.887	9
10	0.828	0.920	1.000	0.868	0.728	0.560	0.472	0.381	0.337	0.280	0.380	0.890	10
11	0.840	0.985	1.000	0.880	0.726	0.559	0.475	0.378	0.329	0.287	0.390	0.890	11
12	0.845	0.980	1.010	0.858	0.719	0.554	0.478	0.373	0.340	0.288	0.405	0.885	12
13	0.845	1.000	1.015	0.848	0.714	0.550	0.480	0.388	0.340	0.288	0.430	0.890	13
14	0.842	1.008	1.020	0.840	0.710	0.548	0.480	0.383	0.337	0.284	0.478	0.895	14
15	0.842	1.008	1.025	0.837	0.705	0.550	0.478	0.380	0.335	0.280	0.490	0.885	15
16	0.842	1.020	1.015	0.833	0.700	0.549	0.477	0.384	0.333	0.280	0.510	0.880	16
17	0.842	1.025	1.000	0.825	0.700	0.548	0.474	0.348	0.332	0.280	0.525	0.870	17
18	0.842	1.030	0.990	0.820	0.700	0.548	0.470	0.345	0.340	0.278	0.545	0.880	18
19	0.842	1.030	0.980	0.810	0.698	0.550	0.469	0.340	0.335	0.278	0.580	0.850	19
20	0.840	1.035	0.975	0.805	0.690	0.545	0.463	0.334	0.330	0.278	0.580	0.845	20
21	0.840	1.040	0.967	0.800	0.687	0.540	0.480	0.330	0.329	0.280	0.580	0.840	21
22	0.840	1.050	0.958	0.795	0.683	0.537	0.469	0.328	0.326	0.284	0.700	0.820	22
23	0.842	1.068	0.950	0.783	0.678	0.532	0.456	0.319	0.323	0.287	0.740	0.820	23
24	0.845	1.070	0.940	0.788	0.675	0.530	0.453	0.315	0.323	0.290	0.818	0.810	24
25	0.858	1.085	0.930	0.786	0.670	0.527	0.450	0.310	0.320	0.294	0.830	0.800	25
26	0.870	1.100	0.920	0.788	0.665	0.522	0.448	0.308	0.318	0.300	0.845	0.800	26
27	0.900	1.110	0.912	0.783	0.680	0.519	0.445	0.300	0.318	0.300	0.850	0.790	27
28	0.915	1.080	0.910	0.788	0.655	0.511	0.441	0.298	0.310	0.300	0.880	0.780	28
29	0.918		0.905	0.780	0.650	0.508	0.438	0.300	0.300	0.300	0.880	0.783	29
30	0.920		0.900	0.772E	0.630	0.507	0.433	0.305	0.297	0.310	0.875	0.780	30
31	0.925		0.900		0.624E		0.430	0.304		0.310		0.780	31
MEAN	0.828	0.987	0.983	0.836	0.703	0.554	0.888	0.355	0.330	0.291	0.555	0.847	MEAN
MAX	0.925	1.110	1.080	0.900	0.785	0.619	0.500	0.420	0.350	0.310	0.880	0.895	MAX
MIN	0.670	0.885	0.900	0.772	0.624	0.507	0.430	0.295	0.297	0.278	0.310	0.780	MIN

WATER LEVELS IN METRES

MEAN, 0.843
MAXIMUM DAILY, 1.110 ON FEB 27
MINIMUM DAILY, 0.278 ON OCT 20

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 53 35 N
LONG 123 32 55 W
DATA CONTRIBUTED BY -
BRITISH COLUMBIA MINISTRY OF ENVIRONMENT

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

STAMP RIVER NEAR GREAT CENTRAL - STATION NO. 08HB005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	54.5	95.4	108	61.4	90.4	94.5	41.2	40.3	28.8	26.0E	87.0	56.5	1
2	57.0	88.7	90.7	79.5	92.0	85.0	42.7	40.1	26.8	25.5E	98.0	46.3	2
3	57.3	82.8	75.8	78.5	92.7	74.9	43.4	41.8	26.8	24.0E	119	32.8	3
4	57.7	86.6	57.8	76.8	92.1	72.6	43.3	43.5	26.2	23.0E	134	32.8	4
5	57.1	87.0	49.9	72.9	93.0	70.8	43.5	40.9	27.9	29.0E	131	32.8	5
6	54.8	86.3	49.4	66.9	92.9	68.1	42.3	39.8	28.3	35.7A	132	31.9	6
7	52.8	85.5	50.6	63.0	86.4	61.2	42.3	38.7	28.0	35.1	128	31.9	7
8	83.7	83.2	62.1	64.4	86.2	58.5	41.8	37.7	33.2	34.4	120	34.1	8
9	102	83.4	122	58.1	87.8	61.5	41.4	36.4	40.2	34.0	105	36.8	9
10	124	86.9	154	58.2	86.6	61.9	41.2	36.7	40.0	33.7	100	36.0	10
11	143	116	187	58.0	85.6	116	48.2	31.8	39.7	27.1	141	37.5	11
12	164	192	169	37.7	85.2	109	82.2	27.8	38.8	24.8	164	38.7	12
13	164	210	187	36.9	86.8	107	88.4	26.8	37.6	23.0	185	42.9	13
14	163	204	188	36.4	86.1	80.3	84.9	28.0	36.5	25.2	161	43.5	14
15	139	195	151	32.6	86.6	69.6	81.0	25.4	35.3	27.2	211	46.8	15
16	126	188	128	29.1	84.6	67.7	85.6	24.6	42.9	26.6	247	46.3	16
17	117	191	112	30.2	84.1	67.6	89.6	24.2	46.0	25.3	261	42.8	17
18	144	188	86.1	31.3	83.2	68.6	89.0	25.6	44.8A	23.7	246	41.9	18
19	174	178	81.3	32.9	31.6	67.3	47.3	22.5	41.9E	24.0	221	41.1	19
20	187	183	77.0	35.1	40.4	61.4	47.0	22.4	38.0E	26.0	187	39.8	20
21	152	139	72.6	36.7	85.6	59.5	46.7	22.5	36.0E	57.3	173	38.2	21
22	140	133	66.7	32.8	86.4	85.2	45.9	22.9	33.8E	117	154	36.6	22
23	127	148	63.9	34.1	80.6	52.1	46.3	23.7	32.0E	127	138	34.6	23
24	121	162	65.6	38.6	84.6	46.7	44.2	22.4	46.0E	116	120	32.7	24
25	132	178	36.8	39.6	75.7	44.0	43.9	22.5	44.0E	109	112	31.9	25
26	152	165	31.3	42.4	85.3	44.6	42.4	22.4	39.0E	113	106	32.3	26
27	167	145	34.0	43.7	81.7	41.7	42.1	22.4	30.0E	116	101	32.5	27
28	148	131	37.3	44.5	89.4	38.7	43.1	23.8	29.0E	114	88.0	32.2	28
29	136		42.7	46.2	72.1	39.6	42.5	27.2	28.5E	101	76.8	31.7	29
30	123		53.0	48.3	83.2	40.5	41.9	28.6	27.0E	84.2	85.4	33.0	30
31	103		57.8		98.5		41.0	29.0		80.7		37.2	31
TOTAL	3 687.4	3 704.8	3 884.5	1 344.0	2 823.4	2 014.4	1 813.5	815.4	1 057.3	1 857.7	4 293.2	1 157.8	TOTAL
MEAN	119	132	88.0	44.8	58.8	67.1	62.0	29.5	35.2	53.5	143	37.4	MEAN
MAX	174	210	189	79.9	98.5	116	86.4	43.5	46.0	127	261	56.8	MAX
MIN	54.5	53.2	31.3	29.1	31.6	38.7	41.0	22.4	27.0	23.0	85.4	31.7	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 71.1
MAXIMUM DAILY, 261 ON NOV 17
MINIMUM DAILY, 22.0 ON OCT 13
MAXIMUM INSTANTANEOUS,
256 AT 23:20 PST ON NOV 17

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 20 23 N
LONG 124 56 31 W
DRAINAGE AREA, 455 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED SINCE 1958

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	319 000	JUL	139 000
FEB	320 000	AUG	75 100
MAR	230 000	SEP	81 400
APR	116 000	OCT	143 000
MAY	158 000	NOV	371 000
JUN	174 000	DEC	100 000

TOTAL DISCHARGE, 2 240 000 dam³

STAVE RIVER ABOVE STAVE LAKE - STATION NO. 08MH147

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	15.3	17.7	42.4	87.5	84.5	61.4	81.0	7.81	52.1	6.11	1
2	---	---	12.8	17.1	33.2	78.8	85.9	48.2	77.6	7.35	129	6.08	2
3	---	8.89A	11.8	13.7	31.6	74.1	70.0	54.5	48.7	7.43	140	7.70	3
4	---	8.40	11.4	12.0	31.7	67.4	58.1	41.8	39.7	8.53	89.7	6.84	4
5	---	8.83	10.3	12.4	34.8	67.3	57.3	38.4	31.8	6.81	63.0	6.96	5
6	---	8.21	13.0	14.7	41.3	82.0E	63.9	37.4	36.5	7.72	51.0	6.80E	6
7	---	7.84	18.7	18.3	56.3	82.0E	64.2	36.6	33.6	8.76	31.2	6.80E	7
8	---	8.30	36.9	13.9	36.4	81.8	57.1	44.9	34.2	8.33	21.8	7.80E	8
9	---	8.34	173	11.7	27.2	100	36.0	46.4	18.9	8.81	19.3	8.00E	9
10	---	10.0	88.0	10.8	23.3	228	37.3	47.6	30.0	8.62	24.0	7.46E	10
11	---	85.9	47.2	9.52	27.4	94.9	305	44.0	47.2	8.32	85.9	8.95E	11
12	---	185	33.2	8.80	34.5	69.0	382	39.0	28.7	8.21	82.8	8.70E	12
13	---	84.0	32.4	8.23	41.7	59.2	248	38.4	22.0	8.80	67.8	20.0 B	13
14	---	48.7	42.9	8.83	47.9	61.3	131	41.8	20.1	8.48	38.5	15.0 B	14
15	---	33.3	33.9	10.8	40.2	81.7	77.5	35.4	18.2	8.38	280	8.30E	15
16	---	33.3	17.6	15.4	43.2	73.1	58.0	31.2	20.0	4.99	193	8.60E	16
17	---	48.8	16.3	20.8	36.2	180	60.4	29.5	18.2	8.22	83.8	7.40E	17
18	---	48.0	13.6	26.1	40.1	116	60.8	29.3	14.0	8.98	49.8	7.25E	18
19	---	25.4	12.8	32.0	46.8	76.8	58.3	29.2	11.5	4.99	30.6	7.05E	19
20	---	28.4	12.0	35.6	69.7	68.6	54.3	27.7	10.4	28.6	22.1	6.95E	20
21	---	18.2	11.1	39.1	68.3	63.6	54.2	25.3	10.7	56.6	18.8	8.80E	21
22	---	25.2	12.6	29.6	73.6	65.8	51.2	24.8	12.8	114	14.2	8.65E	22
23	---	81.4	18.0	33.7	87.3	66.8	50.9	26.1	14.0	38.4	12.5	8.85E	23
24	---	107	16.2	48.7	86.8	78.0	53.1	27.4	14.8	20.8	13.8	8.95E	24
25	---	82.8	13.0	38.7	85.0	74.3	51.6	24.9	13.7	21.2	14.9	7.70E	25
26	---	38.8	13.8	28.7	82.2	88.8	54.1	23.3	13.6	44.4	13.0	7.58E	26
27	---	28.6	17.2	24.8	81.2	88.3	74.6	21.7	13.7	89.1	12.6	7.40E	27
28	---	19.4	17.0	28.6	102	88.3	78.9	35.8	10.8	39.2	11.0	7.30E	28
29	---		22.8	37.3	146	84.8	51.5	45.6	9.47	15.4	9.88	7.00E	29
30	---		28.1	44.9	138	83.4	45.9	38.9	8.48	140	8.95	6.85E	30
31	---		20.0		108		50.8	34.5		80.0		6.70E	31
TOTAL	---	---	630.6	671.26	1 884.0	2 421.3	2 698.3	1 134.2	761.35	817.15	1 644.14	247.85	TOTAL
MEAN	---	---	26.8	23.4	60.1	80.7	63.8	36.3	25.0	26.4	84.8	8.00	MEAN
MAX	---	---	173	48.7	146	228	382	84.5	81.0	140	280	20.0	MAX
MIN	---	---	10.3	8.23	23.3	63.0	36.0	21.7	8.48	6.99	8.95	6.60	MIN

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 33 22 N
LONG 122 18 18 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	224 000
FEB	---	AUG	87 100
MAR	71 000	SEP	84 000
APR	56 000	OCT	70 000
MAY	181 000	NOV	162 000
JUN	288 000	DEC	21 400

STAWAMUS RIVER BELOW RAY CREEK - STATION NO. 08GA084

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.882	1.53	2.25	3.23	5.17	8.09	5.26	2.71	5.54	0.800	4.00	1.09A	1
2	1.20	1.36	1.94	2.84	6.62	7.32	7.51	2.85	5.26	0.674	16.7	---	2
3	1.29	1.22	1.77	2.10	6.41	8.46	5.36	2.52	2.36	0.579	12.7	---	3
4	1.48	1.12	1.68	1.88	6.32	5.88	4.18	1.93	2.05	0.518	5.55	---	4
5	1.67	1.04	1.55	1.81	4.93	5.40	4.31	1.83	1.72	0.570	3.09	---	5
6	1.36	1.15	1.80	2.29	5.30	5.72	3.72	1.83	2.48	0.548	4.10	---	6
7	7.27	1.19	2.81	2.60	9.45	7.50	2.96	1.80	3.33	0.525	2.32	---	7
8	8.61	1.02	9.86	2.13	5.64	8.89	2.52	2.15	2.02	0.503	1.84	---	8
9	3.55	1.04	29.4	1.82	3.89	12.2	2.42	2.17	1.80	0.483	2.04	---	9
10	9.90	1.56	11.8	1.85	3.27	15.8	2.54	1.89	4.35	0.464	3.30	---	10
11	9.10	26.6	5.82	1.53	3.88	7.02	23.1	1.82	3.83	0.457	11.7	---	11
12	4.91	31.1	4.82	1.45	5.00	4.89	16.8	1.85	2.27	0.447	8.88	---	12
13	4.87	15.3	5.29	1.38	5.01	4.44	16.9	1.82	1.74	0.434	5.84	---	13
14	2.80	7.81	6.02	1.44	5.48	5.09	9.87	1.70	1.56	0.425	5.05	---	14
15	2.07	5.43	3.95	1.66	5.27	7.21	5.96	1.51	1.42	0.409	33.7	---	15
16	1.78	5.24	2.97	2.22	5.28	5.83	4.20	1.32	1.44	0.402	23.5	---	16
17	1.68	10.2	2.42	2.82	4.83	12.7	4.33	1.24	1.32	0.711	12.5	---	17
18	10.3	8.85	2.22	3.71	5.01	7.55	4.44	1.25	1.22	0.564	5.00	---	18
19	8.88	4.89	2.10	5.06	6.14	5.91	4.93	1.20	1.09 A	1.23	2.77	---	19
20	4.07	5.25	1.99	5.82	7.81	4.72	4.27	1.14	0.917	8.21	2.25	---	20
21	3.62	3.38	1.87	5.17	6.34	4.39	3.76	1.13	0.843	14.2	1.87	---	21
22	2.10	4.66	1.82	4.20	5.84	4.85	3.29	1.16	0.781	7.06	1.71	---	22
23	1.78	23.4	2.13	5.07	10.1	7.90	3.40	1.14	0.780	1.98	1.57	---	23
24	3.12	17.5	2.55	7.66	11.0	6.48	3.27	1.14	0.789	1.49	1.61	---	24
25	4.82	7.66	1.97	8.07	10.1	5.79	2.91	1.08	0.770	1.85	1.63	---	25
26	11.6	8.33	2.34	6.61	8.62	5.36	2.78	1.03	0.849	2.77	1.83	---	26
27	12.1	4.25	2.55	3.82	6.86	5.58	6.59	0.989	0.872	4.22	1.63	---	27
28	4.14	2.83	2.74	4.63	10.7	5.49	4.86	4.18	0.778	1.77	1.42	---	28
29	2.58		4.20	6.11	13.8	5.05	3.85	3.73	0.700	1.37	1.24	---	29
30	2.13		4.44	7.04	12.7	4.76	3.74	1.88	0.833	8.74	1.09	---	30
31	1.78		3.83		9.84		3.93	1.68		4.68		---	31
TOTAL	140.842	203.33	137.45	105.18	220.03	203.96	176.44	55.149	58.022	84.891	184.24	---	TOTAL
MEAN	4.54	7.26	4.43	3.51	7.10	6.80	5.63	1.78	1.87	2.09	6.14	---	MEAN
MAX	12.1	31.1	29.4	7.66	13.8	15.8	23.1	4.18	4.94	14.2	33.7	---	MAX
MIN	0.882	1.02	1.55	1.38	3.27	4.39	2.42	0.989	0.833	0.402	1.09	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 33.7 ON NOV 15

MAXIMUM INSTANTANEOUS,
48.8 AT 17:21 PST ON NOV 15

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 42 04 N
LONG 123 05 54 W
DRAINAGE AREA, 60.4 km²
A - MANUAL GAUGE

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	13 200	JUL	15 100
FEB	17 600	AUG	4 760
MAR	11 900	SEP	4 840
APR	9 080	OCT	8 810
MAY	19 000	NOV	15 900
JUN	17 600	DEC	---

STELLAKO RIVER AT GLENANNAN - STATION NO. 08JB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.80E	4.48E	4.04	3.33	5.84	22.6	28.9	30.6	18.2	11.6	6.99	5.85E	1
2	4.80E	4.48E	3.88	3.33	6.42	23.6	28.3	30.5	18.3	11.7	7.08	5.72E	2
3	4.80E	4.47E	4.01	3.42	6.58	24.0	29.0	30.4	18.6	11.5	6.79	5.60E	3
4	4.80E	4.48E	3.85	3.34	7.49	24.2	29.1	29.8	18.6	11.5	7.28	5.45E	4
5	4.80E	4.45E	3.90	3.31	8.24	24.4	29.3	29.4	17.4	11.3	6.99	5.30E	5
6	4.80E	4.44E	3.91	3.32	8.80	25.5	29.4	29.0	17.0	11.2	6.67	5.20E	6
7	4.80E	4.43E	3.94	3.37	9.01	25.7	29.0	28.5	16.8	10.8	6.86	5.10A	7
8	4.80E	4.42E	3.95	3.27	10.9	25.6	28.2	28.0	17.2	10.5	6.73	5.05E	8
9	4.80E	4.41E	4.08	3.20	11.7	25.9	28.7	27.9	16.7	10.6	6.60	5.00E	9
10	4.80E	4.40E	4.10	3.17	12.5	26.9	28.3	27.6	16.9	10.3	6.42	4.98E	10
11	4.78E	4.38E	3.90	3.21	13.0	27.3	28.6	27.8	16.4	10.2	6.39	4.92E	11
12	4.77E	4.34E	3.77	3.30	13.6	27.6	28.6	27.2	16.5	9.82	6.80	4.89E	12
13	4.76E	4.30E	3.93	3.22	13.9	27.5	28.7	26.6	16.4	9.75	6.68	4.88E	13
14	4.72E	4.28E	4.01	3.23	14.6	27.4	29.6	25.6	16.3	9.84	6.73	4.83E	14
15	4.70E	4.29E	3.98	3.32	15.9	27.9	30.6	24.7	16.6	8.98	6.71	4.80E	15
16	4.68E	4.24E	3.83	3.32	16.6	27.4	30.8	24.6	15.7	8.75	6.57	4.78E	16
17	4.68E	4.22E	3.87	3.30	17.5	27.6	31.0	24.6	15.2	9.07	6.80	4.76E	17
18	4.64E	4.20	3.78	3.36	18.1	27.9	30.9	24.0	15.0	8.67	6.76	4.76E	18
19	4.60A	4.06	3.77	3.44	18.5	28.1	30.7	23.6	14.5	8.52	6.77	4.72E	19
20	4.59E	4.05	3.84	3.50	19.3	27.8	31.3	23.0	14.4	8.35	6.49	4.70E	20
21	4.58E	4.04	3.80	3.63	19.7	27.1	31.6	22.3	14.1	8.13	6.33	4.68E	21
22	4.57E	3.97	3.88	3.81	20.4	26.9	31.8	21.8	14.0	8.67	6.20	4.68E	22
23	4.56E	3.98	3.82	3.84	20.6	26.6	31.6	21.1	14.0	8.60	6.18	4.64E	23
24	4.55E	4.15	3.68	3.78	21.4	27.0	31.4	20.6	13.8	7.98	6.21	4.62E	24
25	4.95E	4.06	3.48	3.91	21.8	27.8	32.1	20.3	13.4	7.85	6.36	4.80E	25
26	4.55E	3.95	3.48	4.17	21.8	28.1	31.9	19.8	13.7	8.26	6.26	4.59E	26
27	4.54E	3.93	3.41	4.56	22.0	28.4	31.8	19.0	13.4	8.06	6.61	4.58E	27
28	4.53E	4.07	3.41	4.78	22.0	28.6	31.9	18.7	12.8	7.70	6.43	4.57E	28
29	4.52E		3.41	5.06	22.2	28.6	31.7	18.7	12.1	7.52	6.18A	4.58E	29
30	4.51E		3.93	5.37	22.3	28.6	31.2	18.4	11.8	7.55	6.10E	4.57E	30
31	4.50E		3.81		22.0		31.1	18.3		7.55		4.58E	31
TOTAL	144.87	119.03	118.87	108.77	487.36	803.3	939.4	762.6	460.3	290.38	187.24	151.87	TOTAL
MEAN	4.67	4.25	3.76	3.63	15.7	26.7	30.3	24.6	15.3	9.37	6.57	4.90	MEAN
MAX	4.80	4.48	4.10	5.37	22.3	28.6	32.1	30.6	18.6	11.8	7.28	5.85	MAX
MIN	4.50	3.93	3.41	3.17	5.84	22.6	28.3	18.3	11.8	7.52	6.10	4.58	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 12.6
MAXIMUM DAILY, 32.1 ON JUL 25
MINIMUM DAILY, 3.17 ON APR 10
MAXIMUM INSTANTANEOUS,
33.0 AT 07:43 PST ON JUL 26

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 00 32 N
LONG 125 00 01 W
DRAINAGE AREA, 3 800 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	12 500	JUL	81 300
FEB	10 300	AUG	85 000
MAR	10 100	SEP	39 800
APR	8 400	OCT	25 100
MAY	42 100	NOV	17 000
JUN	69 300	DEC	13 100

TOTAL DISCHARGE, 388 000 dam³

STIKINE RIVER ABOVE BUTTERFLY CREEK - STATION NO. 08CF001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	132 B	100 B	80.0B	84.5B	484	3 320	1 410	1 230	862	493	284	122 B	1
2	131 B	100 B	80.0B	86.0B	548	3 610	1 520	1 140	823	488	262	120 B	2
3	126 B	99.0B	80.0B	86.0B	537	3 570	1 650	1 050	1 030	510	270	118 B	3
4	123 B	96.0B	79.5B	86.0B	511	3 130	1 770	1 030	1 120	515	287	116 B	4
5	122 B	97.0B	79.0B	86.0B	467	2 430	1 680	982	1 040	514	292	110 B	5
6	121 B	94.0B	79.0B	86.0B	484	1 980	1 570	924	982	504	286	108 B	6
7	121 B	92.0B	78.0B	87.0B	507	1 710	1 460	881	895	490	243	102 B	7
8	120 B	91.0B	78.0B	86.0B	553	1 570	1 420	859	855	474	240	99.0B	8
9	118 B	91.0B	78.0B	89.0B	510	1 510	1 420	864	820	455	2380	99.0B	9
10	114 B	91.0B	78.5B	90.0B	550	1 560	1 340	929	758	429	2300	103 B	10
11	112 B	91.0B	80.0B	92.0B	598	1 650	1 240	918	712	417	2200	106 B	11
12	110 B	91.0B	80.0B	95.0B	732	1 720	1 130	878	684	416	2100	108 B	12
13	110 B	92.0B	81.0B	98.0B	756	1 680	1 070	819	671	409	2000	105 B	13
14	110 B	92.0B	81.5B	104 B	800	1 550	1 030	778	665	395	1970	101 B	14
15	110 B	90.0B	82.0B	110 B	884	1 490	1 020	776	648	377	1880	98.0B	15
16	110 B	89.0B	82.5B	116 B	959	1 580	1 020	780	614	353	1900	91.5B	16
17	110 B	88.0B	83.0B	122 B	957	1 590	1 100	806	582	337	1720	90.5B	17
18	110 B	87.0B	83.0B	128 B	908	1 490	1 150	838	552	346	1600	90.5B	18
19	109 B	86.0B	83.5B	135 B	834	1 590	1 150	819	528	356	1540	91.0B	19
20	108 B	86.0B	84.0B	143 B	975	1 880	1 100	793	515	347	1520	89.5B	20
21	107 B	86.0B	83.0B	151 B	1 170	1 980	1 050	830	561	343	1500	88.5B	21
22	106 B	86.0B	82.0B	158 B	1 170	2 070	1 080	897	642	346	1480	86.0B	22
23	105 B	86.0B	80.5B	181	1 080	2 130	1 070	906	693	340	1480	86.0B	23
24	102 B	86.0B	80.0B	173	1 030	2 070	1 020	919	695	328	1480	87.5B	24
25	99.0B	85.0B	80.0B	186	1 000	1 980	1 020	912	645	332	1480	89.5B	25
26	96.0B	86.0B	80.5B	226	947	1 850	1 050	954	595	328	1380	89.5B	26
27	94.0B	85.0B	81.0B	262	875	1 730	1 180	988	585	322	1320	89.5B	27
28	97.0B	83.0B	81.0B	310	882	1 590	1 290	958	527	318	1300	89.5B	28
29	92.0B		81.5B	373	1 080	1 480	1 260	976	500	314	1280	90.0B	29
30	100 B		82.0B	430	1 680	1 400	1 180	947	478	317	1240	92.5B	30
31	100 B		83.0B		2 780		1 200	888		318		93.5B	31
TOTAL	3 436.0	2 529.0	2 509.0	4 469.5	27 611	58 830	38 610	28 237	21 352	12 241	5 874	3 039.0	TOTAL
MEAN	111	90.3	80.9	149	887	1 960	1 250	911	712	395	186	98.0	MEAN
MAX	132	100	84.0	430	2 780	3 610	1 770	1 230	1 120	515	287	122	MAX
MIN	98.0	83.0	78.0	84.5	484	1 400	1 020	780	478	314	124	86.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 572
MAXIMUM DAILY, 3 510 ON JUN 2
MINIMUM DAILY, 78.0B ON MAR 5
MAXIMUM INSTANTANEOUS,
3 780 AT 23:45 PST ON JUN 2

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 57 29 10 N
LONG 131 45 00 W
DRAINAGE AREA, 38 000 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	307 000	JUL	3 340 000
FEB	219 000	AUG	2 440 000
MAR	217 000	SEP	1 840 000
APR	385 000	OCT	1 050 000
MAY	2 380 000	NOV	506 000
JUN	5 050 000	DEC	263 000

TOTAL DISCHARGE, 15 000 000 dam³

STIKINE RIVER ABOVE GRAND CANYON - STATION NO. 08CB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	59.0B	46.5B	36.0B	34.0B	2008	2 010	785	567	363	259	140 B	48.5B	1
2	58.0B	46.5B	36.0B	34.0B	2388	2 130	809	535	357	270	138 B	49.0B	2
3	58.0B	46.5B	35.5B	33.5B	229	2 060	881	503	418	272	138 B	48.0B	3
4	57.5B	46.0B	34.0B	34.0B	211	1 850	816	477	486	272	138 B	46.0B	4
5	57.5B	45.5B	33.5B	34.0B	202	1 710	886	443	510	274	136 B	44.0B	5
6	57.0B	42.5B	33.5B	32.5B	205	947	795	413	501	259	130 B	42.5B	6
7	56.0B	42.0B	33.5B	32.5B	230	816	726	393	490	259	105 B	41.0B	7
8	55.0B	42.0B	33.5B	32.0B	250	788	695	380	488	249	96.0B	41.0B	8
9	54.0B	42.0B	33.5B	32.0B	288	784	683	370	456	241	95.0B	41.5B	9
10	53.0B	42.0B	33.5B	32.0B	389	870	652	359	422	227	92.0B	42.5B	10
11	52.5B	42.0B	33.5B	32.5B	307	942	820	347	383	218	90.0B	43.0B	11
12	53.5B	42.0B	34.0B	32.5B	328	1 010	978	346	374	232	84.0B	43.5B	12
13	52.5B	41.0B	35.0B	33.0B	348	970	953	324	385	217	80.0B	44.0B	13
14	52.5B	40.5B	35.0B	33.5B	374	883	918	314	357	208	78.0B	43.5B	14
15	52.5B	40.0B	35.0B	34.5B	418	865	885	303	348	195	75.0B	42.0B	15
16	52.5B	39.5B	36.0B	35.5B	481	978	878	323	340	182	80.0B	41.0B	16
17	52.0B	39.5B	35.5B	37.0B	484	931	877	376	326	184	84.0B	41.5B	17
18	51.0B	39.0B	35.0B	39.5B	484	867	882	410	312	182	81.0B	41.5B	18
19	51.0B	39.0B	34.5B	42.0B	411	990	846	401	295	188	80.0B	41.0B	19
20	50.5B	38.5B	34.0B	45.5B	447	1 180A	833	400	285	182	89.5B	38.5B	20
21	49.0B	40.0B	34.0B	50.0B	556	1 180	846	392	285	180	89.5B	38.5B	21
22	48.0B	40.5B	33.5B	54.0B	548	1 060	811	386	288	178	88.0B	40.0B	22
23	46.5B	40.5B	33.5B	60.0B	523	1 000	881	386	303	175	87.5B	40.5B	23
24	45.5B	40.0B	33.5B	67.0B	526	1 020	842	382	287	188	86.0B	41.5B	24
25	45.5B	39.5B	33.5B	75.0B	518	1 000	826	386	284	186	86.0B	41.5B	25
26	46.0B	38.0B	33.5B	82.0B	497	924	833	408	304	188	86.0B	40.0B	26
27	46.0B	36.5B	34.0B	82.0B	454	841	886	400	299	180	84.5B	39.5B	27
28	46.5B	36.0B	34.0B	102 B	427	767	859	403	283	157	82.0B	39.5B	28
29	47.0B		34.0B	130 B	527	703	852	389	286	159	80.5B	40.0B	29
30	47.0B		34.0B	160 B	884	681	848	370	267	161	80.0B	40.0B	30
31	46.5B		34.0B		1 660		851	388		157		40.0B	31
TOTAL	1 595.0	1 152.5	1 063.5	1 588.0	13 844	31 995	18 284	12 264	10 770	6 410	2 472.5	1 307.5	TOTAL
MEAN	51.5	41.2	34.3	52.3	437	1 070	589	398	359	207	82.4	42.2	MEAN
MAX	59.0	46.5	36.0	160	1 660	2 130	918	587	510	274	140	49.5	MAX
MIN	45.5	36.0	33.5	32.0	200	681	426	303	267	157	80.0	38.5	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 281
MAXIMUM DAILY, 2 130 ON JUN 2
MINIMUM DAILY, 32.0B ON APR 6
MAXIMUM INSTANTANEOUS,
2 160 AT 13:45 PST ON JUN 2

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 02 36 N
LONG 128 56 45 W
DRAINAGE AREA, 18 800 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	138 000	JUL	1 580 000
FEB	89 800	AUG	1 050 000
MAR	81 800	SEP	831 000
APR	138 000	OCT	564 000
MAY	1 170 000	NOV	216 000
JUN	2 780 000	DEC	113 000

TOTAL DISCHARGE, 8 850 000 dam³

STIKINE RIVER AT TELEGRAPH CREEK - STATION NO. 08CE001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	98.0B	71.0B	55.0B	54.5B	387	2 400	807	735	498	358	183	81.0B	1
2	97.0B	71.0B	55.0B	54.5B	419	2 490	992	700	488	388	158	79.0B	2
3	94.0B	71.0B	55.0B	54.5B	405	2 450	1 100	659	533	378	194	78.0B	3
4	94.0B	71.0B	54.0B	54.0B	371	2 150	1 210	632	569	381	212	73.0B	4
5	93.5B	69.0B	53.5B	54.0B	359	1 650	1 170	592	704	389	195	72.0B	5
6	93.0B	85.0B	53.0B	53.5B	370	1 330	1 090	548	706	385	183	70.0B	6
7	92.0B	84.0B	53.0B	53.5B	415	1 150	981	520	885	369	150 B	65.0B	7
8	88.0B	84.0B	53.0B	53.5B	486	1 030	926	502	680	353	148 B	62.0B	8
9	86.0B	84.0B	53.5B	53.5B	517	1 010	924	489	660	341	142 B	61.0B	9
10	85.0B	84.0B	54.0B	54.0B	553	1 100	876	479	606	320	135 B	61.0B	10
11	85.0B	84.0B	54.0B	54.0B	584	1 160	831	467	580	309	132 B	62.0B	11
12	82.0B	84.0B	54.0B	54.5B	582	1 210	789	462	530	310	130 B	63.0B	12
13	81.0B	83.0B	54.5B	55.0B	614	1 170	747	443	515	306	128 B	63.0B	13
14	81.0B	82.0B	55.0B	56.0B	680	1 070	707	424	509	294	123 B	62.0B	14
15	81.0B	81.0B	56.0B	57.0B	783	1 020	662	410	491	276	116 B	60.0B	15
16	81.0B	80.0B	56.0B	58.0B	801	1 140	647	430	480	255	114 B	58.0B	16
17	80.0B	80.0B	56.5B	60.0B	787	1 140	641	497	463	250	110 B	59.0B	17
18	80.0B	80.0B	56.5B	62.5B	710	1 030	625	562	443	261	104 B	59.0B	18
19	79.0B	80.0B	56.0B	65.5B	664	1 220A	602	565	423	260	97.0B	60.0B	19
20	78.0B	80.0B	56.0B	68.0B	665	1 380A	584	569	408	262	93.0B	58.0B	20
21	77.0B	81.0B	56.0B	71.0B	678	1 400A	574	551	404	260	90.0B	57.0B	21
22	76.0B	81.0B	56.0B	76.0B	685	1 330A	570	535	419	249	86.0B	56.0B	22
23	73.0B	81.0B	53.0B	82.0B	630	1 240A	551	532	428	245	88.0B	57.0B	23
24	71.0B	81.0B	52.0B	82.0B	623	1 230A	600	525	433	232	87.0B	58.0B	24
25	70.0B	80.0B	52.0B	105	794	1 230A	574	534	420	229	86.0B	59.0B	25
26	70.0B	58.0B	52.0B	128	740	1 180A	586	548	423	232	85.0B	56.0B	26
27	71.0B	56.0B	53.0B	153	671	1 080	652	540	416	223	83.0B	56.0B	27
28	71.0B	55.0B	53.0B	700	694	986	738	543	397	214	82.0B	57.0B	28
29	72.0B		54.0B	260	699	891	729	530	377	214	82.0B	58.0B	29
30	72.0B		54.0B	310	680	851	704	505	359	214	82.0B	58.0B	30
31	72.0B		54.5B		2 230		716	493		214		57.0B	31
TOTAL	2 523.5	1 761.0	1 680.0	2 805.0	22 484	39 677	24 205	18 622	15 126	8 834	3 682.0	1 933.0	TOTAL
MEAN	81.4	62.9	54.2	86.8	725	1 320	781	633	504	288	123	62.4	MEAN
MAX	98.0	71.0	56.5	310	2 230	2 490	1 210	735	706	389	212	81.0	MAX
MIN	70.0	55.0	52.0	53.5	359	851	574	410	359	214	82.0	56.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 387
MAXIMUM DAILY, 2 490 ON JUN 2
MINIMUM DAILY, 52.0B ON MAR 24
MAXIMUM INSTANTANEOUS,
2 520 AT 22:48 PST ON JUN 2

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 57 54 03 N
LONG 131 09 15 W
DRAINAGE AREA, 29 300 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	218 000	JUL	2 080 000
FEB	152 000	AUG	1 630 000
MAR	145 000	SEP	1 310 000
APR	225 000	OCT	772 000
MAY	1 940 000	NOV	318 000
JUN	3 430 000	DEC	167 000

TOTAL DISCHARGE, 12 200 000 dam³

STIKINE RIVER BELOW SPATSIZI RIVER - STATION NO. 08CA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	19.5B	17.2B	15.9B	14.6B	32.5B	1 000	347	233	143	113	49.0B	23.1B	1
2	19.7B	17.0B	16.2B	14.5B	36.0B	1 040	382	223	145	117	47.0B	23.0B	2
3	19.8B	17.0B	16.3B	14.2B	40.0B	998	407	208	195	117	47.0B	22.2B	3
4	20.0B	17.0B	16.2B	14.0B	47.0B	775	410	198	226	116	46.5B	21.0B	4
5	20.0B	17.0B	16.0B	13.8B	55.0B	576	391	180	227	117	44.0B	19.9B	5
6	20.0B	17.0B	15.7B	13.4B	59.0B	437	367	186	216	113	42.0B	18.8B	6
7	19.0B	17.0B	15.0B	13.0B	60.0B	370	318	181	211	108	40.5B	18.0B	7
8	18.0B	16.9B	14.9B	13.0B	112	353	318	157	210	104	38.0B	18.0B	8
9	17.0B	16.8B	15.0B	12.9B	126	373	302	147	184	100	36.5B	18.0B	9
10	16.8B	16.9B	15.8B	12.8B	140	421	281	139	177	90.9	36.0B	18.5B	10
11	16.6B	17.0B	16.0B	12.7B	153	467	265	136	168	92.9	36.0B	18.7B	11
12	16.9B	17.0B	16.8B	12.7B	166	488	249	137	160	91.2	35.8B	20.0B	12
13	17.4B	17.0B	16.9B	12.7B	183	456	241	132	156	88.4	35.2B	20.1B	13
14	18.0B	17.0B	16.9B	12.8B	202	406	220	128	154	83.1	34.5B	20.1B	14
15	19.0B	16.9B	16.8B	12.9B	230	408	201	124	151	73.6	34.1B	19.8B	15
16	19.0B	16.8B	16.8B	13.1B	266	457	193	136	148	70.0	33.8B	19.0B	16
17	18.9B	16.7B	16.8B	13.4B	263	417	188	163	140	77.8	32.0B	18.3B	17
18	18.1B	16.8B	16.8B	13.9B	235	407	182	178	132	77.1	29.0B	18.2B	18
19	17.5B	16.8B	16.0B	14.4B	208	531	174	170	124	74.6	27.5B	18.3B	19
20	16.9B	17.0B	15.9B	15.0B	232	620	168	172	121	72.9	27.0B	18.0B	20
21	16.0B	17.2B	16.8B	15.6B	271	595	178	165	120	72.1	26.9B	17.5B	21
22	15.4B	17.8B	13.8B	16.4B	263	536	210	157	118	71.4	26.9B	17.2B	22
23	15.1B	17.8B	13.8B	17.8B	265	513	197	150	130	68.1	26.9B	17.5B	23
24	15.1B	17.5B	13.7B	18.8B	270	498	180	148	121	62.8	26.2B	17.8B	24
25	15.1B	16.9B	13.8B	20.0B	264	470	172	164	120	62.0B	25.9B	17.4B	25
26	15.5B	15.8B	13.8B	21.9B	245	424	177	153	131	80.0B	25.9B	17.7B	26
27	16.0B	15.0B	14.0B	23.0B	220	381	208	148	132	68.0B	25.8B	17.8B	27
28	16.6B	16.0B	14.2B	25.0B	222	346	253	151	121	66.0B	24.0B	17.8B	28
29	17.0B		14.4B	27.6B	264	318	245	147	113	65.0B	23.0B	17.5B	29
30	17.6B		14.6B	29.6B	647	310	242	144	108	64.0B	23.0B	17.8B	30
31	18.0B		14.6B		889		231	138		61.0B		17.5B	31
TOTAL	545.6	471.7	477.6	484.7	8 754.5	15 395	7 882	4 945	4 601	2 569.9	1 005.9	586.3	TOTAL
MEAN	17.6	16.8	15.4	16.2	283	513	254	160	153	82.9	33.5	18.9	MEAN
MAX	20.0	17.8	16.9	29.6	889	1 040	410	233	237	118	49.0	23.1	MAX
MIN	15.1	15.0	13.7	12.7	32.5	310	168	124	108	61.0	23.0	17.2	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 135
MAXIMUM DAILY, 1 040 ON JUN 2
MINIMUM DAILY, 12.7B ON APR 11
MAXIMUM INSTANTANEOUS,
1 070 AT 02:14 PST ON JUN 2

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 57 43 58 N
LONG 130 06 30 W
DRAINAGE AREA, 7 680 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	47 190	JUL	681 000
FEB	40 800	AUG	427 000
MAR	41 300	SEP	388 000
APR	41 800	OCT	222 000
MAY	884 000	NOV	86 800
JUN	1 339 000	DEC	80 600

TOTAL DISCHARGE, 3 980 000 dam³

STITT CREEK AT THE MOUTH - STATION NO. 08MD018

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.8358	0.886	0.533	0.787	4.50	31.2	16.0	20.1	11.8	3.66	4.33	1.61 B	1
2	0.8209	0.848	0.549	0.827	4.75	29.1	16.4	21.5	12.4	3.52	3.86	1.73 B	2
3	0.8258	0.783	0.498	0.807	4.82	25.8	16.5	20.4	13.6	3.48	3.90	1.70 B	3
4	0.8408	0.7408	0.522	0.857	4.70	20.8	16.5	15.8	11.6	3.50	4.19	1.65 B	4
5	0.8608	0.7108	0.537	0.914	4.90	19.7	16.6	16.3	8.66	3.22	3.82	1.60 B	5
6	0.8858	0.6908	0.525	0.953	5.45	19.4	15.8	15.4	7.67	3.12	3.77	1.55 B	6
7	0.8808	0.6808	0.551	1.19	6.02	24.5	16.7	13.9	7.46	3.00	3.61	1.52 B	7
8	0.9008	0.6608	0.563	1.18	5.44	23.1	20.5	14.2	6.70	2.84	3.37	1.48 B	8
9	0.9258	0.8508	0.594	1.13	4.90	20.6	17.9	15.8	6.33	2.80	3.19	1.50 B	9
10	0.938	0.8508	0.808	1.09	4.65	22.6	14.1	17.3	5.80	2.74	3.13	1.47 B	10
11	0.986	0.8608	0.806	1.02	4.85	15.6	21.0	17.7	5.62	2.70	3.09	1.42 B	11
12	0.963	0.8508	0.847	0.980	4.63	12.8	36.7	15.6	5.47	2.89	2.98	1.37 B	12
13	1.15	0.804	0.788	0.882	5.46	12.8	41.8	13.9	5.95	2.86	2.80	1.34 B	13
14	0.900	0.484	0.770	1.08	5.81	15.1	35.0	14.6	5.39	2.35	2.78	1.29 B	14
15	0.828	0.501	0.806	1.19	8.03	19.1	23.8	13.0	5.04	2.21	2.76	1.22 B	15
16	0.8408	0.545	0.787	1.34	8.45	18.2	18.7	11.2	6.93	2.16	2.86	1.18 B	16
17	0.8858	0.688	0.758	1.48	8.15	24.1	16.0	11.4	6.30	2.20	2.80	1.17 B	17
18	0.878	0.686	0.851	1.88	8.00	22.2	16.7	10.6	5.46	2.24	2.71	1.13 B	18
19	0.804	0.501	0.707	2.56	9.79	16.1	17.6	9.81	4.87	2.30	2.84	1.04 B	19
20	0.760	0.459	0.786	3.03	8.17	14.9	18.2	9.48	4.46	2.31	2.71	0.9808	20
21	0.782	0.484	0.763	3.44	7.36	12.1	18.4	8.64	4.37	2.36	2.88	0.9808	21
22	0.805	0.503	0.728	3.47	8.43	11.8	16.7	8.83	4.41	2.04	2.80	0.9208	22
23	0.790	0.858	0.728	3.47	12.4	16.0	17.4	8.11	4.39	2.73	2.39	0.8908	23
24	0.811	0.584	0.788	4.44	15.5	16.3	17.8	8.78	4.74	2.41	2.44	0.8708	24
25	0.814	0.594	0.718	5.34	18.0	13.8	17.3	10.0	5.00	2.82	2.39	0.8858	25
26	0.844	0.584	0.883	4.36	15.7	11.5	18.3	9.93	5.54	3.44	2.24	0.8508	26
27	0.900	0.530	0.892	3.88	16.3	13.3	16.5	9.05	5.32	4.04	2.12	0.8408	27
28	0.858	0.515	0.718	3.88	26.1	16.3	14.7	9.48	4.13	3.59	2.16	0.8558	28
29	0.814		0.726	4.10	32.6	19.3	14.5	9.85	3.78	3.22	2.14	0.8908	29
30	0.870		0.705	4.48	36.6	26.9	15.3	10.4	3.68	4.38	2.06	0.8408	30
31	0.894		0.742		36.3		17.4	11.4		5.91		0.8908	31
TOTAL	26.972	18.889	21.465	86.457	333.68	566.9	637.0	401.87	193.88	94.07	88.70	37.880	TOTAL
MEAN	0.870	0.803	0.692	2.22	10.8	18.9	20.5	13.0	6.46	3.03	2.98	1.23	MEAN
MAX	1.15	0.886	0.906	5.34	36.6	31.2	41.8	21.5	13.6	5.91	4.33	1.61	MAX
MIN	0.760	0.459	0.499	0.787	4.50	11.5	14.1	8.53	3.68	2.16	2.06	0.840	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.81
MAXIMUM DAILY, 41.8 ON JUL 13
MINIMUM DAILY, 0.459 ON FEB 20
MAXIMUM INSTANTANEOUS,
133 AT 00:05 PST ON JUL 12

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 37 53 N
LONG 119 08 50 W
DRAINAGE AREA, 139 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 330	JUL	55 000
FEB	1 480	AUG	34 700
MAR	1 850	SEP	16 800
APR	5 740	OCT	8 130
MAY	28 800	NOV	7 680
JUN	49 000	DEC	3 280

TOTAL DISCHARGE, 215 000 dam

STONY CREEK AT STONY CREEK - STATION NO. 08JC013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.988	0.320E	0.265E	1.82	0.403	0.031	0.022	0.1128	1
2	---	---	---	---	1.02	0.185E	0.350E	1.85	0.384	0.030	0.022	0.1098	2
3	---	---	---	---	1.03	0.130E	0.440	1.81	0.380	0.028	0.022	0.1068	3
4	---	---	---	---	1.03	0.085E	0.532	1.87	0.366	0.033	0.026	0.1068	4
5	---	---	---	---	1.11	0.088A	0.815	1.85	0.322	0.145	0.025	0.1038	5
6	---	---	---	---	1.11 E	0.050	0.810	1.78	0.314	0.121	0.022	0.1008	6
7	---	---	---	---	1.13 E	0.045	0.770	1.77	0.298	0.091	0.023	0.0998	7
8	---	---	---	---	1.13 E	0.038	0.855	1.72	0.278	0.087	0.026	0.0988	8
9	---	---	---	---	1.14 E	0.037	0.889	1.88	0.284	0.087	0.022	0.0978	9
10	---	---	---	---	1.14 E	0.037	0.973	1.80	0.244	0.069	0.023	0.0968	10
11	---	---	---	---	1.14 E	0.037	0.838	1.85	0.230	0.044	0.028	0.0968	11
12	---	---	---	---	1.15 E	0.037	0.822	1.38	0.222	0.034	0.026	0.0958	12
13	---	---	---	---	1.20 E	0.035	0.870	1.31	0.222	0.030	0.028	0.0948	13
14	---	---	---	---	1.24 E	0.084	1.28	1.28	0.226	0.034	0.028	0.0938	14
15	---	---	---	---	1.30 E	0.304	1.49	1.25	0.230	0.067	0.029	0.0938	15
16	---	---	---	---	1.32 E	0.520	1.40	1.24	0.234	0.052	0.030	0.0928	16
17	---	---	---	---	1.36 E	0.448	1.48	1.23	0.232	0.048	0.032	0.0928	17
18	---	---	---	0.661A	1.20 E	0.488	1.48	1.18	0.235	0.044	0.035	0.0918	18
19	---	---	---	---	1.11 A	0.423	1.35	1.13	0.226	0.041	0.0358	0.0908	19
20	---	---	---	---	1.13	0.374	1.45	1.10	0.230	0.040	0.0358	0.0908	20
21	---	---	---	0.434A	1.03	0.338	1.52	1.04	0.238	0.039	0.0378	0.0898	21
22	---	---	---	0.436	0.988	0.192	1.57	1.02	0.244	0.038	0.0408	0.0888	22
23	---	---	---	0.928	0.836	0.076	1.58	0.992	0.241	0.041	0.0508	0.0878	23
24	---	---	---	0.835	0.883	0.048	1.78	0.956	0.228	0.032	0.0708	0.0868	24
25	---	---	---	0.894	0.772	0.043	1.68	0.938	0.186	0.034	0.0908	0.0868	25
26	---	---	---	0.846	0.587	0.042	1.58	0.921	0.185	0.030	0.1358	0.0878	26
27	---	---	---	0.847	0.401	0.043	1.55	0.900	0.186	0.028	0.1308	0.0868	27
28	---	---	---	0.995	0.328A	0.042	1.54	0.768	0.057	0.025	0.1228	0.0878	28
29	---		---	0.843	0.333E	0.048	1.50	0.883	0.038	0.024	0.1188	0.0868	29
30	---		---	0.844	0.338A	0.210E	1.48	0.822	0.032	0.023	0.1158	0.0908	30
31	---		---		0.278E		1.55	0.427		0.024		0.0908	31
TOTAL	---	---	---	---	29.845	4.898	38.698	38.852	7.057	1.456	1.446	2.920	TOTAL
MEAN	---	---	---	---	0.963	0.157	1.25	1.25	0.235	0.047	0.048	0.094	MEAN
MAX	---	---	---	---	1.30	0.520	1.55	1.91	0.403	0.145	0.135	0.112	MAX
MIN	---	---	---	---	0.275	0.035	0.265	0.427	0.032	0.023	0.022	0.088	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 1.55 ON JUL 26

MAXIMUM INSTANTANEOUS,
2.05 AT 08:00 PST ON JUL 26

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 63 56 28 N
LONG 124 08 35 W
DRAINAGE AREA, 343 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	3 380
FEB	---	AUG	3 420
MAR	---	SEP	800
APR	---	OCT	135
MAY	3 580	NOV	135
JUN	406	DEC	252

STOWELL LAKE ON SALTSPRING ISLAND - STATION NO. 08HA050

DAILY WATER LEVEL IN METRES FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	1.539	---	---	---	---	---	1
2	---	---	---	---	---	---	---	1.347	---	---	---	---	2
3	---	---	---	---	---	1.637	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	1.863	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	1.622	---	---	1.215	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	1.729	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	1.275	---	1.221	---	---	13
14	---	---	---	---	1.721	---	1.443	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	---	---	---	---	---	---	---	---	---	---	---	28
29	---	---	---	---	---	---	---	---	---	---	---	---	29
30	---	---	---	---	---	---	---	---	---	---	---	---	30
31	---	---	---	---	---	---	---	---	---	---	---	---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - MANUAL
LOCATION - LAT 48 45 50 N
LONG 123 26 50 W
DATA CONTRIBUTED BY -
BRITISH COLUMBIA MINISTRY OF ENVIRONMENT

NATURAL FLOW

WATER LEVELS ARE REFERR D TO ASSUMED DATUM

STUART LAKE NEAR FORT ST. JAMES - STATION NO. 08JE003

DAILY WATER LEVEL IN METRES FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.507E	1.509	1.455	1.394	1.610A	2.306	2.698	2.906	2.521	2.083	1.757	1.664	1
2	1.501E	1.504	1.444	1.387	1.632E	2.316	2.708	2.912	2.502	2.061	1.753	1.657	2
3	1.500E	1.498	1.443	1.382	1.650E	2.339	2.714	2.900	2.507	2.054	1.750	1.655	3
4	1.598E	1.495	1.440	1.388	1.680E	2.348	2.711	2.894	2.501	2.051	1.758	1.656	4
5	1.594E	1.491	1.439	1.396	1.702E	2.358	2.723	2.897	2.453	2.033	1.741	1.655	5
6	1.590E	1.483	1.434	1.398	1.726E	2.393	2.726	2.874	2.418	2.028	1.741	1.654	6
7	1.585E	1.481	1.435	1.394	1.750E	2.412	2.714	2.868	2.411	2.000	1.749	1.633	7
8	1.581E	1.481	1.427	1.394	1.772E	2.430	2.724	2.859	2.387	1.994	1.729	1.632	8
9	1.577E	1.480	1.448	1.385	1.787E	2.450	2.729	2.851	2.377	1.998	1.734	1.637	9
10	1.572E	1.479	1.449	1.395	1.820E	2.477	2.720	2.832	2.356	1.986	1.733	1.633	10
11	1.570E	1.482	1.443	1.395	1.841E	2.492	2.733	2.827	2.341	1.984	1.736	1.629	11
12	1.567E	1.486	1.438	1.394	1.885E	2.515	2.740	2.808	2.333	1.953	1.740	1.627	12
13	1.566E	1.485	1.436	1.395	1.890E	2.529	2.736	2.783	2.322	1.952	1.733	1.626	13
14	1.562A	1.484	1.437	1.401	1.913E	2.549	2.763	2.776	2.328	1.938	1.721	1.609	14
15	1.533	1.481	1.434	1.407	1.937E	2.587	2.780	2.752	2.302	1.911	1.722	1.590	15
16	1.523	1.482	1.433	1.409	1.950E	2.584	2.797	2.739	2.294	1.896	1.723	1.580	16
17	1.528	1.484	1.431	1.419	1.988E	2.572	2.806	2.748	2.269	1.897	1.718	1.572	17
18	1.532	1.479	1.426	1.425	2.010E	2.597	2.819	2.710	2.254	1.889	1.721	1.575	18
19	1.530	1.470	1.423	1.431	2.032A	2.620	2.819	2.705	2.240	1.871	1.718	1.565	19
20	1.520	1.469	1.420	1.439	2.053	2.615	2.830	2.697	2.234	1.856	1.716	1.573	20
21	1.515	1.468	1.411	1.454	2.073	2.615	2.852	2.682	2.227	1.837	1.699	1.578	21
22	1.516	1.470	1.410	1.468	2.097	2.630	2.864	2.668	2.209	1.848	1.689	1.587	22
23	1.519	1.467	1.405	1.480	2.110	2.641	2.862	2.664	2.207	1.843	1.685	1.586	23
24	1.519	1.466	1.403	1.506	2.130	2.641	2.903	2.627	2.184	1.810	1.689	1.558	24
25	1.518	1.464	1.403	1.512	2.152	2.649	2.902	2.612	2.168	1.817	1.686	1.564	25
26	1.516	1.468	1.401	1.520	2.166	2.661	2.917	2.660	2.178	1.815	1.685	1.573	26
27	1.524	1.466	1.411	1.537	2.188	2.671	2.909	2.576	2.150	1.802	1.688	1.566	27
28	1.526	1.456	1.407	1.559	2.217	2.680	2.915	2.585	2.121	1.788	1.689	1.545	28
29	1.515		1.411	1.572	2.243	2.689	2.909	2.582	2.100	1.783	1.681	1.541	29
30	1.511		1.404	1.585	2.268	2.693	2.918	2.564	2.081	1.793	1.673	1.539	30
31	1.509		1.399		2.284		2.921	2.533		1.787		1.532	31
MEAN	1.549	1.479	1.426	1.442	1.984	2.536	2.803	2.739	2.289	1.914	1.720	1.598	MEAN
MAX	1.603	1.509	1.455	1.585	2.284	2.693	2.921	2.912	2.521	2.083	1.758	1.664	MAX
MIN	1.509	1.456	1.399	1.382	1.610	2.306	2.698	2.533	2.081	1.783	1.673	1.532	MIN

SUMMARY FOR THE YEAR 1983

WATER LEVELS IN METRES

MEAN, 1.856
MAXIMUM DAILY, 2.921 ON JUL 31
MINIMUM DAILY, 1.382 ON APR 3
MAXIMUM INSTANTANEOUS,
2.934 AT 15:04 PST ON JUL 31

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 27 00 N
LONG 124 16 00 W

A - MANUAL GAUGE

E - ESTIMATED

NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

STUART RIVER NEAR FORT ST. JAMES - STATION NO. 08JE001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	51.8	53.3	45.9	41.0	72.0	158	215	248	184	127	88.6	73.0	1
2	51.9	53.1	45.7	40.7	73.8	160	217	247	182	125	88.2	72.1	2
3	52.1	52.8	45.3	40.9	75.3	163	219	246	181	122	88.8	71.2	3
4	51.3	51.9	45.2	40.8	79.8	167	220	244	176	122	89.2	71.7	4
5	51.7	50.7	45.0	40.6	81.6	169	221	244	174	120	89.8	71.0	5
6	50.4	50.6	44.6	41.0	84.0	170	219	243	169	122	89.1	69.3	6
7	50.8	50.6	44.2	42.1	85.9	172	220	242	169	118	88.4	67.1	7
8	50.4	50.0	44.4	41.6	89.8	175	221	239	167	117	85.2	67.5	8
9	57.9	49.8	44.2	42.1	91.6	179	223	238	165	116	84.6	68.3	9
10	57.7	49.5	44.0	41.7	101	182	223	236	163	115	83.4	67.9	10
11	57.3	48.5	44.2	41.8	106	186	224	234	160	113	84.2	67.6	11
12	57.9	49.1	44.1	41.8	111	188	226	232	157	112	83.6	67.1	12
13	57.0	49.1	43.9	42.3	108	190	228	228	158	112	82.8	66.9	13
14	57.2	48.5	43.8	42.5	111	192	229	227	158	110	81.2	66.9	14
15	56.8	48.8	43.7	42.7	114	194	232	225	154	108	81.8	66.7	15
16	56.6	48.5	43.5	43.5	116	198E	234	220	155	107	83.0	66.0B	16
17	56.8	48.2	43.2	44.3	119	203E	235	225	151	106	82.6	64.5B	17
18	56.0	47.9	43.3	44.9	121	207E	236	217	148	105	81.8	64.0B	18
19	55.4	47.7	43.4	48.0	124	211E	237	215	145	103	82.0	63.5B	19
20	55.2	47.4	43.1	48.0	126	208E	240	209	145	101	82.8	62.5B	20
21	54.5	47.2	43.0	49.2	129	205	244	208	143	100	81.4	62.0B	21
22	53.6	47.1	42.3	50.5	131	205	245	206	141	102	79.0	61.0B	22
23	52.7	47.0	42.3	52.5	132	205	246	204	142	102	77.2	60.5B	23
24	51.9	47.0	42.0	55.4	134	207	247	202	140	92.2	77.8	60.0B	24
25	51.6	47.0	41.6	55.7	137	209	248	199	138	95.2	76.2	58.5B	25
26	52.7	46.7	41.4	58.4	142	209	249	196	136	85.0	74.4	58.0B	26
27	53.4	46.5	41.4	60.5	146	213	247	193	133	84.8	75.8	57.7B	27
28	53.3	46.2	41.1	63.5	148	213	245	192	131	83.4	77.4	57.4B	28
29	53.1		41.1	66.1	150	213	248	190	129	83.0	75.8	57.0B	29
30	53.0		41.1	69.3	153	214	247E	188	128	82.8	73.8	56.8B	30
31	53.1		41.0		155		246E	186		82.0		56.5B	31
TOTAL	1 760.0	1 371.8	1 343.0	1 431.4	3 555.0	5 785	7 231	6 824	4 619	3 333.4	2 466.8	2 000.8	TOTAL
MEAN	56.5	49.0	43.3	47.7	115	192	233	220	154	108	82.3	64.5	MEAN
MAX	62.1	53.3	45.9	69.3	155	214	248	248	184	127	88.8	73.0	MAX
MIN	51.6	46.2	41.0	40.6	72.0	158	215	186	128	82.0	73.6	56.5	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 114
MAXIMUM DAILY, 249 ON JUL 26
MINIMUM DAILY, 40.6 ON APR 5

TYPE OF GAUGE - MANUAL
LOCATION - LAT 54 25 05 N
LONG 124 16 30 W
DRAINAGE AREA, 14 800 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	151 000	JUL	625 000
FEB	119 000	AUG	590 000
MAR	116 000	SEP	399 000
APR	124 000	OCT	288 000
MAY	307 000	NOV	213 000
JUN	498 000	DEC	173 000

TOTAL DISCHARGE, 3 600 000 dam³

STUMBLES CREEK NEAR LOWER NICOLA - STATION NO. 08LG019

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.048	0.048	0.048	0.051	0.105	0.032	0.044	0.021	0.023	0.019	0.023	0.024	1
2	0.048	0.048	0.048	0.048	0.129	0.030	0.045	0.021	0.027	0.019	0.025	0.024	2
3	0.048	0.051	0.048	0.048	0.152	0.030	0.045	0.008	0.031	0.019	0.027	0.024	3
4	0.048	0.048	0.048	0.048	0.154	0.028	0.048	0.008	0.032	0.017	0.030	0.024	4
5	0.048	0.048	0.048	0.045	0.203	0.030	0.040	0.007	0.044	0.017	0.027	0.023	5
6	0.048	0.047	0.045	0.044	0.203	0.031	0.038	0.009	0.033	0.017	0.027	0.023	6
7	0.085	0.048	0.045	0.044	0.182	0.030	0.034	0.008	0.032	0.017	0.027	0.026	7
8	0.053	0.049	0.045	0.045	0.182	0.030	0.032	0.008	0.033	0.014	0.026	0.027	8
9	0.048	0.049	0.045	0.048	0.152	0.031	0.031	0.013	0.035	0.013	0.024	0.030	9
10	0.044	0.051	0.043	0.048	0.136	0.028	0.031	0.013	0.038	0.013	0.023	0.030	10
11	0.048	0.048	0.043	0.048	0.122	0.030	0.030	0.014	0.032	0.013	0.023	0.030	11
12	0.084	0.048	0.044	0.048	0.105	0.028	0.027	0.014	0.033	0.013	0.022	0.032	12
13	0.050	0.048	0.045	0.045	0.105	0.032	0.026	0.014	0.031	0.013	0.021	0.035	13
14	0.048	0.051	0.045	0.045	0.105	0.035	0.023	0.014	0.030	0.013	0.021	0.032	14
15	0.049	0.051	0.045	0.045	0.129	0.038	0.021	0.015	0.028	0.013	0.021	0.030	15
16	0.049	0.051	0.045	0.045	0.110	0.038	0.023	0.014	0.028	0.013	0.021	0.027	16
17	0.048	0.058	0.045	0.045	0.105	0.032	0.024	0.014	0.049	0.013	0.021	0.018	17
18	0.048	0.060	0.045	0.045	0.100	0.032	0.025	0.014	0.034	0.013	0.021	0.018	18
19	0.048	0.058	0.044	0.040	0.092	0.032	0.026	0.014	0.034	0.013	0.021	0.0188	19
20	0.048	0.054	0.045	0.038	0.089	0.038	0.026	0.013	0.032	0.013	0.022	0.0158	20
21	0.048	0.051	0.045	0.038	0.087	0.035	0.020	0.014	0.032	0.013	0.022	0.0148	21
22	0.048	0.051	0.048	0.039	0.075	0.038	0.014	0.014	0.032	0.013	0.026	0.0148	22
23	0.048	0.053	0.048	0.040	0.072	0.040	0.022	0.014	0.033	0.013	0.023	0.0148	23
24	0.048	0.048	0.048	0.040	0.086	0.040	0.025	0.018	0.031	0.013	0.023	0.0138	24
25	0.083	0.048	0.054	0.057	0.082	0.040	0.025	0.017	0.030	0.014	0.023	0.0148	25
26	0.059	0.048	0.054	0.051	0.081	0.038	0.025	0.018	0.027	0.017	0.023	0.0158	26
27	0.051	0.048	0.051	0.057	0.080	0.034	0.023	0.018	0.028	0.017	0.024	0.0168	27
28	0.051	0.048	0.049	0.059	0.082	0.033	0.023	0.018	0.023	0.018	0.025	0.0188	28
29	0.048		0.049	0.076	0.083	0.040	0.023	0.018	0.021	0.018	0.028	0.0218	29
30	0.048		0.049	0.082	0.084	0.043	0.021	0.020	0.021	0.018	0.025	0.0248	30
31	0.051		0.049		0.039		0.021	0.020		0.021		0.0308	31
TOTAL	1 581	1 410	1.453	1 481	3.321	1 012	0 880	0.468	0.833	0.473	0.711	0.702	TOTAL
MEAN	0 050	0 050	0 047	0 049	0.107	0 034	0 028	0.014	0 031	0.015	0.024	0.023	MEAN
MAX	0 085	0 060	0 054	0.082	0.203	0.043	0 048	0.021	0.049	0.021	0.030	0.035	MAX
MIN	0 044	0 048	0.043	0 038	0.039	0 028	0.014	0.007	0.021	0.013	0.021	0.013	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0 034
MAXIMUM DAILY, 0.203 ON MAY 5
MINIMUM DAILY, 0.007 ON AUG 5

TYPE OF GAUGE - MANUAL
LOCATION - LAT 50 09 04 N
LONG 120 53 06 W
DRAINAGE AREA, 82 3 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	135	JUL	78.0
FEB	122	AUG	38.7
MAR	128	SEP	80.6
APR	126	OCT	40.8
MAY	287	NOV	61.4
JUN	87.4	DEC	60.7

TOTAL DISCHARGE, 1 249 dam³

SUGAR LAKE RESERVOIR AT THE OUTLET - STATION NO. 08LC041

DAILY WATER LEVEL IN METRES FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	8.650	7.390	6.339	4.788	4.399	8.345	9.229	9.765	9.671	9.546	8.684	9.270	1
2	8.597	7.343	6.325	4.786	4.410	8.633	9.356	9.792	9.718	9.510	8.730	9.227	2
3	8.557	7.284	6.311	4.705	4.438	8.825	9.485	9.822	9.788	9.472	8.779	9.187	3
4	8.522	7.234	6.291	4.687	4.449	8.942	9.588	9.833	9.870	9.434	8.852	9.164	4
5	8.496	7.178	6.266	4.630	4.448	8.951	1.628	9.826	9.818	9.398	8.930	9.129	5
6	8.456	7.125	6.249	4.590	4.459	8.900	9.656	9.807	9.949	9.352	8.984	9.092	6
7	8.416	7.082	6.238	4.581	4.504	8.849	9.690	9.784	9.969	9.312	9.016	9.065	7
8	8.373	7.041	6.222	4.585	4.581	8.818	9.696	9.759	9.976	9.287	9.045	9.019	8
9	8.342	6.991	6.215	4.624	4.620	8.972	9.701	9.752	9.988	9.225	9.069	8.988	9
10	8.328	6.944	6.235	4.347	4.613	8.978	9.669	9.783	9.958	9.182	9.083	8.959	10
11	8.300	6.890	6.271	4.250	4.584	8.954	9.623	9.843	9.969	9.141	9.129	8.926	11
12	8.267	6.839	6.295	4.111	4.548	8.839	9.649	9.928	9.988	9.094	9.156	8.892	12
13	8.232	6.790	6.313	3.944	4.519	8.683	10.347	9.959	10.001	9.046	9.178	8.867	13
14	8.197	6.748	6.320	3.781	4.504	8.525	10.613	9.952	10.002	9.005	9.208	8.830	14
15	8.155	6.704	6.306	3.613	4.493	8.444	10.559	9.927	9.998	8.966	9.241	8.792	15
16	8.111	6.662	6.263	3.505	4.500	8.485	10.414	9.890	9.988	8.912	9.281	8.748	16
17	8.073	6.624	6.200	3.438	4.530	8.490	10.228	9.848	9.973	8.875	9.324	8.700	17
18	8.037	6.589	6.105	3.404	4.585	8.595	10.025	9.801	9.955	8.838	9.368	8.658	18
19	7.997	6.557	5.977	3.402	4.639	8.588	9.679	9.784	9.935	8.798	9.383	8.608	19
20	7.943	6.518	5.850	3.423	4.669	8.507	9.620	9.787	9.912	8.764	9.402	8.549	20
21	7.890	6.484	5.731	3.471	4.735	8.402	9.612	9.743	9.881	8.731	9.409	8.478	21
22	7.843	6.464	5.621	3.575	4.857	8.308	9.788	9.714	9.885	8.707	9.408	8.411	22
23	7.792	6.427	5.523	3.599	5.022	8.280	9.740	9.684	9.834	8.690	9.408	8.345	23
24	7.745	6.395	5.416	3.742	5.255	8.347	9.687	9.653	9.807	8.682	9.397	8.280	24
25	7.692	6.376	5.324	3.988	5.565	8.443	9.653	9.827	9.771	8.662	9.388	8.221	25
26	7.638	6.362	5.232	4.234	5.900	8.489	9.653	9.805	9.741	8.619	9.378	8.179	26
27	7.604	6.382	5.140	4.348	6.178	8.516	9.687	9.813	9.700	8.596	9.370	8.129	27
28	7.568	6.352	5.058	4.385	6.504	8.510	9.687	9.831	9.682	8.582	9.356	8.075	28
29	7.522		4.988	4.381	6.841	8.786	9.691	9.842	9.625	8.556	9.330	8.021	29
30	7.478		4.910	4.373	7.438	9.025	9.721	9.855	9.588	8.541	9.301	7.971	30
31	7.437		4.841		7.944		9.736	9.868		8.574		7.930	31
MEAN	8.073	6.777	5.883	4.086	5.058	8.854	9.803	9.769	9.867	8.989	9.186	8.688	MEAN
MAX	8.650	7.390	6.339	4.788	7.944	9.025	10.613	9.959	10.002	9.546	9.409	9.270	MAX
MIN	7.437	6.352	4.841	3.402	4.399	8.280	9.229	9.605	9.588	8.541	8.684	7.930	MIN

SUMMARY FOR THE YEAR 1983

WATER LEVELS IN METRES

MEAN, 7.909
MAXIMUM DAILY, 10.613 ON JUL 14
MINIMUM DAILY, 3.402 ON APR 19
MAXIMUM INSTANTANEOUS,
10.641 AT 17:58 PST ON JUL 14

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 21 28 N
LONG 118 32 13 W

REGULATED

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

SUSSAW LAKE NEAR BAMFIELD - STATION NO 08HB076

DAILY WATER LEVEL IN METRES FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	1.402	---	1.346	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	1.321	---	---	---	6
7	---	---	---	1.447	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	1.363	---	---	---	---	8
9	---	---	---	---	1.546	1.402	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	1.492	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	1.410	---	---	1.433	---	---	---	15
16	---	---	---	1.448	---	---	---	1.310	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	1.601	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	1.506	---	---	1.365	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	1.401	---	---	---	21
22	---	---	---	1.438	---	---	---	1.308	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	1.408	---	---	---	---	---	---	24
25	---	---	---	---	---	---	1.410	---	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	1.550	---	---	---	---	---	---	---	---	---	---	28
29	---		---	1.456	---	---	---	---	---	---	1.592	---	29
30	1.628		1.449	---	---	1.404	---	1.308	1.407	---	---	---	30
31	---		---		1.392		---	---		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - MANUAL
LOCATION - LAT 48 50 30 N
LONG 125 05 30 W
DATA CONTRIBUTED BY -
BRITISH COLUMBIA MINISTRY OF ENVIRONMENT

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

SUKUNKA RIVER ABOVE CHAMBERLAIN CREEK - STATION NO. 07FB007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.200	2.610	2.490	3.070	42.7	103	40.5	17.2	4.82	28.5	33.6	3.600	1
2	4.000	2.530	2.580	3.160	39.6	75.0	36.3	16.0	4.46	25.7	30.4	3.750	2
3	4.050	2.550	2.490	3.290	44.4	53.0	38.7	16.5	7.13	24.0	35.9	3.980	3
4	3.850	2.660	2.500	3.270	55.9	41.9	34.4	15.5	11.1	31.0	37.1	4.210	4
5	3.930	2.510	2.990	3.350	56.9	36.2	29.6	14.0	13.6	30.2	34.1	4.320	5
6	4.150	2.490	2.550	3.410	52.0	57.5	26.0	13.0	13.1	28.6	31.1	3.920	6
7	4.200	2.580	2.660	3.200	50.3	56.6	57.2	12.2	28.7	24.5	27.9	3.600	7
8	4.130	2.480	2.510	2.730	67.3	47.7	47.1	11.1	27.1	21.3	24.5	3.310	8
9	3.750	2.450	2.730	2.880	59.6	55.9	37.2	10.1	21.1	19.8	21.5	3.210	9
10	3.000	2.590	3.000	2.640	49.4	57.7	32.7	9.16	18.3	18.0	19.1	3.230	10
11	2.980	2.540	3.110	2.690	45.8	60.5	29.6	8.49	15.9	17.1	17.6	3.420	11
12	3.230	2.580	3.070	2.850	49.6	50.5	83.6	8.15	14.5	15.4	16.6	3.680	12
13	3.290	2.900	2.910	3.090	53.7	42.9	51.0	7.52	14.4	14.9	15.5	3.690	13
14	3.380	3.000	2.780	3.200	45.5	39.6	123	7.23	17.7	16.3	13.6	3.450	14
15	3.240	2.780	2.670	3.280	39.1A	35.7	185	7.05	17.6	16.1	13.0	3.210	15
16	3.020	2.500	2.620	3.700	46.0E	33.5	151	6.73	20.5	14.5	13.5	3.020	16
17	2.900	2.480	2.610	4.500	59.0E	28.7	106	6.25	22.9	13.8	14.4	2.780	17
18	2.980	2.650	2.600	9.55	85.8A	24.0	75.2	9.83	21.4	13.4	14.8	2.600	18
19	3.030	2.640	2.620	18.3	86.1	40.1	62.2	8.27	18.6	15.1	13.5	2.880	19
20	3.000	2.720	2.500	20.6	106	81.1	51.4	8.81	16.4	18.3	12.3	3.050	20
21	2.760	2.980	2.370	29.2	142	61.2	50.0	8.62	15.2	15.6	10.7	3.200	21
22	2.550	2.900	3.300	35.0	105	48.8	44.4	7.44	17.3	23.3	7.600	3.110	22
23	2.400	3.100	2.340	37.2	88.3	41.5	36.9	8.63	17.7	26.2	5.400	2.860	23
24	2.320	3.260	2.630	49.3	82.1	47.0	31.9	8.38	17.0	23.4	4.800	2.820	24
25	2.380	2.860	2.620	52.1	103	88.2	29.2	8.63	17.7	20.0	4.670	2.880	25
26	2.530	2.720	2.760	43.9	88.8	80.7	28.1	8.11	84.3	35.7	5.000	2.950	26
27	2.700	2.500	2.870	28.9	74.8	68.3	25.3	6.91	79.3	35.2	5.250	2.810	27
28	2.730	2.440	2.850	44.5	80.6	57.8	23.2	6.76	68.0	30.4	5.000	2.830	28
29	2.690		2.870	55.2	108	53.6	22.0	6.43	61.2	27.4	4.760	3.640	29
30	2.770		3.020	50.6	127	46.7	19.6	5.91	54.4	29.9	4.260	2.880	30
31	2.910		3.030		122		18.2	5.26		37.8		2.820	31
TOTAL	99.10	75.26	83.35	539.53	2 281.8	1 530.9	1 823.7	281.35	678.81	715.1	497.84	101.52	TOTAL
MEAN	3.20	2.69	2.69	18.0	73.0	51.0	52.4	9.08	22.6	23.1	16.6	3.27	MEAN
MAX	4.20	3.26	3.11	55.2	142	103	185	17.2	79.3	37.8	37.1	4.32	MAX
MIN	2.52	2.44	2.30	2.64	39.1	24.0	18.2	4.74	4.46	13.4	4.26	2.79	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 33.3
MAXIMUM DAILY, 185 ON JUL 15
MINIMUM DAILY, 2.300 ON MAR 22
MAXIMUM INSTANTANEOUS,
197 AT 01:33 PST ON JUL 15

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 10 14 N
LONG 121 45 30 W
DRAINAGE AREA, 927 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	8 580	JUL	140 000
FEB	6 500	AUG	34 300
MAR	7 200	SEP	58 600
APR	48 600	OCT	61 600
MAY	195 000	NOV	43 000
JUN	132 000	DEC	8 770

TOTAL DISCHARGE, 732 000 dam³

SUKUNKA RIVER NEAR THE MOUTH - STATION NO 07FB003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	8.000	5.500	5.550	8.700	103	246	130	36.9E	10.5	82.8	78.4	11.7 B	1
2	8.920	4.800	5.620	9.000	86.9	189	119	33.5E	9.80	67.0	73.2	11.5 B	2
3	9.000	4.620	5.390	9.250	87.5	141	124	31.8E	10.0	62.0	79.0	11.8 B	3
4	8.530	5.000	5.500	9.100	115	119	113	33.0E	15.3	67.6	87.7	12.5 B	4
5	7.980	4.880	5.650	9.180	128	103	100	29.6E	18.9	49.7	84.2	12.6 B	5
6	8.000	4.780	5.600	9.450	117	114	90.2	26.9E	19.6	44.5	80.2	11.9 B	6
7	8.260	5.060	5.700	8.600	122	135	178	24.4E	33.1	40.5	75.2	11.0 B	7
8	8.370	5.020	5.570	8.000	166	117	176	23.6A	45.2	37.4	68.6	10.4 B	8
9	7.780	4.980	6.300	7.700	183	127	136	20.9	36.3	34.9	63.0	9.800	9
10	5.800	5.200	7.100	7.600	161	129	113	19.1	33.4	33.4	60.4	9.600	10
11	5.400	5.600	7.630	7.550	134	135	105	17.9	30.2	31.0	58.2	10.2 B	11
12	5.800	5.550	7.280	8.200	147	126	138	16.9	27.6	29.2	56.0B	11.0 B	12
13	6.100	5.900	7.150	8.800	148	111	126	16.1	26.6	28.1	51.0B	11.2 B	13
14	6.220	6.400	6.650	9.200	139	104 A	247	14.7	28.2	33.2	45.0B	10.6 B	14
15	6.040	6.600	6.500	10.1 B	123	98.5E	446	13.5	32.2	34.2	41.2B	9.800	15
16	6.410	4.700	6.360	12.0 B	135	93.7A	406 A	12.8	32.9	32.5	43.0B	8.800	15
17	5.200	4.720	6.380	40.1	181	90.0E	288 E	13.4	39.3	30.5	45.0B	8.300	17
18	5.500	5.200	6.520	61.7	194	84.0E	210 E	17.2	37.4	30.9	47.0B	8.200	18
19	5.450	5.000	6.200	89.0	185	125 E	150 E	16.7	33.2	34.4	42.8B	8.400	19
20	5.900	6.180	5.750	75.1	225	190 E	112 E	15.5	28.6	45.6	37.0B	8.800	20
21	5.570	6.020	5.500	68.8	287	181 A	110 E	16.6	28.5	47.7	30.7B	9.400	21
22	5.250	5.980	5.580	86.0	237	136 A	95.0E	14.3	28.5	57.0	24.0B	9.200	22
23	4.900	6.450	6.000	102	226	114	85.0E	13.6	30.6	67.1	16.8B	8.900	23
24	4.640	7.050	6.500	118	214	108	76.0E	11.5	28.4	58.2	14.4B	8.800	24
25	4.410	6.820	6.950	116	226	248	69.0E	10.9	30.5	55.2	14.5B	8.400	25
26	4.560	6.900	7.400	101	230	189	63.5E	10.2	53.6	71.0	15.5B	8.800	26
27	4.940	5.350	7.600	80.4	186	143	58.0E	10.0	141	62.1	16.2B	8.600	27
28	5.470	5.400	7.550	87.5	187	116	53.0E	10.2	83.0	72.8	15.0B	8.400	28
29	5.390		7.750	118	230	104	48.5E	11.1	72.5	86.1	13.8B	8.500	29
30	5.450		8.000	116	274	122	44.0E	12.2	60.5	83.9	12.8B	8.600	30
31	6.000		8.300		276		40.0E	11.5		82.7		8.200	31
TOTAL	185.64	154.08	201.74	1 423.13	5 424.8	4 008.2	4 250.3	563.9	1 122.10	1 484.2	1 392.1	304.00	TOTAL
MEAN	5.31	5.50	6.51	47.4	175	134	137	18.2	37.4	47.9	46.4	9.81	MEAN
MAX	9.00	7.05	8.30	118	287	248	446	36.9	141	82.7	87.7	12.6	MAX
MIN	4.41	4.70	5.39	7.60	98.9	84.0	40.0	10.0	9.80	28.1	12.8	8.20	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 56.2
MAXIMUM DAILY, 446 ON JUL 15
MINIMUM DAILY, 4.410 ON JAN 25
MAXIMUM INSTANTANEOUS,
470 AT 05:35 PST ON JUL 15

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 32 34 N
LONG 121 37 28 W
DRAINAGE AREA, 2 510 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	16 900	JUL	367 000
FEB	13 300	AUG	48 700
MAR	17 400	SEP	98 900
APR	123 000	OCT	128 000
MAY	489 000	NOV	120 000
JUN	348 000	DEC	26 300

TOTAL DISCHARGE, 1 770 000 dam³

SULLIVAN CREEK NEAR CANYON - STATION NO. 08NN115

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0.022E	0.050E	0.047E	0.140	0.315	0.100E	0.088E	0.039E	0.026E	0.027E	0.025	1
2	---	0.028E	0.054E	0.047E	0.146E	0.281E	0.088E	0.087E	0.039E	0.027	0.030E	0.025E	2
3	---	0.028E	0.059E	0.047	0.150	0.247	0.089	0.086E	0.040E	0.026E	0.050E	0.025E	3
4	---	0.025E	0.054E	0.047E	0.157E	0.232E	0.092E	0.084	0.040	0.026E	0.087E	0.025	4
5	---	0.024E	0.059E	0.047E	0.163	0.217E	0.086E	0.082E	0.038E	0.026E	0.054E	0.025E	5
6	---	0.023	0.075E	0.047E	0.168E	0.202	0.080	0.082E	0.037E	0.025	0.048	0.025E	6
7	---	0.022E	0.081E	0.047	0.172	0.198E	0.078E	0.080	0.035E	0.025E	0.045E	0.025E	7
8	---	0.022E	0.087E	0.048E	0.163E	0.197	0.078E	0.080E	0.033	0.025E	0.043E	0.025E	8
9	---	0.021E	0.084E	0.048E	0.155	0.193E	0.074E	0.080E	0.034E	0.025	0.040E	0.025E	9
10	---	0.021E	0.101	0.049	0.149E	0.190	0.072	0.080E	0.034E	0.025E	0.037	0.025E	10
11	---	0.020	0.105E	0.048E	0.143E	0.177E	0.082E	0.080	0.035	0.025E	0.038E	0.025E	11
12	---	0.028E	0.103E	0.048E	0.137	0.165	0.093E	0.080E	0.033E	0.025E	0.040E	0.025E	12
13	---	0.028E	0.101	0.047	0.125	0.150E	0.103	0.085E	0.031	0.025E	0.042	0.025E	13
14	---	0.029E	0.089E	0.047	0.127E	0.136	0.110E	0.090	0.031E	0.025	0.042E	0.025E	14
15	---	0.030E	0.077E	0.048E	0.130	0.148	0.094E	0.047E	0.031	0.025E	0.042E	0.025E	15
16	---	0.031E	0.064E	0.049E	0.131E	0.137	0.080	0.044	0.031E	0.025	0.042E	0.025E	16
17	---	0.032E	0.052	0.050	0.133E	0.138E	0.077E	0.043E	0.031E	0.026E	0.043E	0.025E	17
18	---	0.032E	0.053E	0.079E	0.134E	0.134E	0.074E	0.042	0.031	0.028E	0.042E	0.025	18
19	---	0.033E	0.054E	0.107E	0.136	0.132	0.070	0.042E	0.030E	0.028E	0.041E	0.024E	19
20	---	0.034	0.055	0.135E	0.147E	0.127E	0.073	0.042E	0.029E	0.026	0.040	0.024E	20
21	---	0.036E	0.054E	0.183	0.157E	0.122	0.077E	0.042	0.028E	0.029E	0.039E	0.024E	21
22	---	0.038E	0.052E	0.168E	0.168	0.118E	0.080	0.042E	0.027	0.032E	0.037E	0.023E	22
23	---	0.041E	0.050E	0.172	0.209E	0.115	0.075E	0.044E	0.027E	0.030	0.036E	0.023E	23
24	---	0.043E	0.048E	0.201E	0.250	0.112E	0.070	0.051E	0.027E	0.027E	0.035E	0.023E	24
25	---	0.045E	0.047	0.229	0.281E	0.110	0.071E	0.042	0.027	0.026E	0.033E	0.024E	25
26	---	0.047E	0.045E	0.198E	0.313E	0.108E	0.071E	0.044E	0.026E	0.025E	0.032E	0.024E	26
27	---	0.049	0.044	0.183	0.344	0.105	0.072E	0.045E	0.026E	0.024E	0.031E	0.025E	27
28	---	0.050E	0.045E	0.153E	0.350E	0.103E	0.072	0.048	0.026E	0.024E	0.029E	0.024E	28
29	---		0.045E	0.142	0.332	0.101	0.071E	0.045E	0.026E	0.024E	0.026E	0.024E	29
30	---		0.045E	0.141E	0.326E	0.100E	0.071E	0.042E	0.025	0.025	0.027E	0.024E	30
31	---		0.047		0.320E		0.070	0.038		0.026E		0.025E	31
TOTAL	---	0.882	2.010	2.880	5.955	4.807	2.512	1.800	0.947	0.804	1.200	0.781	TOTAL
MEAN	---	0.032	0.065	0.095	0.192	0.160	0.081	0.052	0.032	0.026	0.040	0.025	MEAN
MAX	---	0.050	0.105	0.229	0.350	0.315	0.110	0.088	0.040	0.032	0.087	0.025	MAX
MIN	---	0.020	0.044	0.047	0.125	0.100	0.070	0.038	0.025	0.024	0.027	0.023	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 0.350E ON MAY 28

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 06 14 N
LONG 116 25 35 W
DRAINAGE AREA, 8.22 km²

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	217
FEB	78.2	AUG	138
MAR	174	SEP	81.8
APR	247	OCT	69.5
MAY	515	NOV	104
JUN	415	DEC	68.8

SUMAS RIVER NEAR HUNTINGDON - STATION NO. 08MH029

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.45	3.37	3.85	3.28	1.71	1.19	1.32	1.45	1.50	1.09	2.34	5.45	1
2	2.48	3.17	3.78	5.08	1.72	1.18	1.45	1.41	3.13	1.09	1.98	4.64	2
3	3.45	3.01	3.81	5.80	1.74	1.18	1.50	1.41	2.74	1.11	3.40	4.14	3
4	5.10	2.88	3.54	4.74	1.69	1.12	1.38	1.38	1.85	1.14	7.79	3.75	4
5	10.1	2.74	3.27	3.79	1.65	1.14	1.32	1.35	1.54	1.11	7.93	3.48	5
6	17.5	2.70	3.30	3.29	1.63	1.11	1.28	1.32	1.41	1.08	4.90	3.25	6
7	14.2	3.13	3.42	3.01	1.70	1.01	1.25	1.31	1.38	1.07	4.38	3.08	7
8	17.0	3.07	3.82	2.79	2.17	0.970	1.32	1.29	1.31	1.07	4.05	3.07	8
9	18.5	3.21	7.22	2.84	2.17	0.956	1.28	1.25	1.28	1.08	3.71	3.38	9
10	23.9	3.23	6.74	2.83	2.14	1.11	1.25	1.25	1.39	1.05	3.33	4.69	10
11	30.4	4.00	5.53	3.04	1.95	1.28	1.43	1.26	1.53	1.03	3.89	4.90	11
12	19.0	4.27	5.63	2.94	1.82	1.18	3.41	1.26	1.67	1.02	5.55	4.45	12
13	13.3	4.28	4.94	2.63	1.70	1.14	8.83	1.24	1.58	1.02	5.44	4.67	13
14	8.82	4.00	4.85	2.44	1.84	1.07	8.20	1.22	1.44	1.02	4.36	5.38	14
15	7.00	3.87	4.39	2.32	1.81	1.15	7.76	1.20	1.35	1.02	7.85	6.30	15
16	5.98	4.84	3.67	2.24	1.84	1.20	5.24	1.17	1.31	1.01	11.8	5.28	16
17	5.30	4.72	3.52	2.17	1.71	1.73	3.33	1.15	1.28	1.05	13.6	4.24	17
18	4.61	4.80	3.24	2.11	1.68	2.73	2.51	1.13	1.30	1.08	10.6	3.62	18
19	4.58	4.10	3.00	2.04	1.61	2.12	2.11	1.12	1.27	1.08	8.22	3.268	19
20	4.67	3.77	2.83	2.02	1.58	1.67	1.95	1.10	1.23	1.11	8.48	2.928	20
21	4.27	3.54	2.71	2.05	1.53	1.52	3.08	1.09	1.21	1.21	8.83	2.648	21
22	3.88	4.71	2.74	1.98	1.48	1.46	2.80	1.07	1.20	1.74	5.88	3.428	22
23	3.74	6.38	2.69	1.93	1.48	1.50	2.06	1.02	1.17	1.67	4.80	2.248	23
24	3.78	7.81A	2.53	1.87	1.42	1.80	1.85	0.988	1.15	1.62	5.05	2.078	24
25	3.88	7.71	2.40	2.01	1.38	1.54	1.72	0.894	1.15	1.35	15.0	2.018	25
26	3.80	5.90	2.31	2.04	1.35	1.48	1.64	0.859	1.18	1.32	18.4	2.258	26
27	4.35	4.79	2.30	1.98	1.33	1.43	1.85	0.868	1.21	1.34	18.2	2.038	27
28	4.88	4.18	2.33	1.87	1.30	1.38	1.72	1.02	1.17	1.39	14.6	1.858	28
29	4.18		2.42	1.81	1.27	1.33	1.65	1.12	1.14	1.35	9.77	1.708	29
30	3.75		2.97	1.75	1.24	1.32	1.55	1.22	1.12	1.61	6.82	2.388	30
31	3.63		3.25		1.22		1.49	1.21		2.37		4.198	31
TOTAL	281.62	117.82	114.00	80.53	50.61	40.788	77.29	36.940	43.79	37.96	231.44	109.89	TOTAL
MEAN	8.44	4.21	3.68	2.68	1.63	1.36	2.49	1.19	1.46	1.22	7.71	3.54	MEAN
MAX	30.4	7.71	7.22	5.80	2.17	2.73	8.20	1.45	3.13	2.37	18.4	6.30	MAX
MIN	2.45	2.70	2.30	1.75	1.22	0.956	1.28	0.859	1.12	1.01	1.98	1.70	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.29
MAXIMUM DAILY, 30.4 ON JAN 11
MINIMUM DAILY, 0.956 ON JUN 9
MAXIMUM INSTANTANEOUS,
33.3 AT 05:25 PST ON JAN 11

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 00 05 N
LONG 122 13 50 W
DRAINAGE AREA, 149 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	22 600	JUL	8 880
FEB	10 200	AUG	3 190
MAR	9 850	SEP	3 780
APR	8 980	OCT	3 280
MAY	4 370	NOV	20 000
JUN	3 520	DEC	9 480

TOTAL DISCHARGE, 104 000 dam³

SURPRISE CREEK NEAR THE MOUTH - STATION NO. 08DA005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.24 B	0.9238	0.9008	1.618	20.4	64.4	31.0	25.7	20.2	7.53	5.34	1.988	1
2	1.22 B	0.9158	0.9028	1.748	20.1	62.0	30.9	25.2	20.1	6.70	5.21	1.928	2
3	1.20 B	0.9058	0.9088	1.928	17.8	58.9	30.1	21.8	24.1	8.07	7.27	1.888	3
4	1.18 B	0.8988	0.9108	2.158	15.9	38.9	28.4	19.4	18.3	7.23	5.90	1.838	4
5	1.18 B	0.8538	0.9158	2.458	13.9	32.3	27.0	21.8	11.2	6.19	5.69	1.808	5
6	1.18 B	0.8838	0.9208	3.408	14.1	29.3	24.2	20.2	10.9	4.61	4.83	1.768	6
7	1.16 B	0.8758	0.9208	3.108	16.7	30.7	28.1	18.9	9.05	4.33	4.42	1.748	7
8	1.14 B	0.8758	0.9228	2.908	16.7	34.4	26.0	21.0	6.88	5.67	4.08	1.718	8
9	1.13 B	0.8688	0.9228	2.758	16.1	37.3	27.6	24.4	5.68	8.35	3.85	1.688	9
10	1.11 B	0.8638	0.9308	2.658	18.6	40.0	32.3	21.8	5.11	5.91A	3.86	1.658	10
11	1.10 B	0.8618	0.8408	2.588	20.6	42.3	23.9	23.7	5.31	5.45E	3.80	1.628	11
12	1.08 B	0.8608	0.9458	2.528	22.0	38.6	21.2	20.8	6.14	5.15E	3.48	1.598	12
13	1.07 B	0.8608	0.9508	2.518	24.9	33.1	19.3	22.6	6.67	4.80E	3.32	1.568	13
14	1.07 B	0.8598	0.9558	2.508	28.5	30.0	21.6	18.1	8.28	4.50E	3.25	1.548	14
15	1.06 B	0.8598	0.9608	2.658	32.8	44.8	26.9	21.5	8.06	4.25E	3.24	1.528	15
16	1.05 B	0.8588	0.9708	2.908	29.9	33.5	30.9	22.1	6.34	4.00E	3.33	1.508	16
17	1.04 B	0.8568	0.9808	3.258	24.3	32.0	32.7	22.4	3.82	3.80E	4.55	1.488	17
18	1.04 B	0.8568	0.9958	3.858	20.3	34.1	34.5	15.0	3.59	8.00E	4.35	1.468	18
19	1.03 B	0.8568	1.01 B	3.808	20.3	36.3	30.5	20.9	3.38	8.00E	3.82	1.448	19
20	1.03 B	0.8608	1.03 B	3.708	36.7	36.4	28.5	13.3	3.98	10.8 A	3.28	1.428	20
21	1.03 B	0.8608	1.10 B	3.858	32.0	35.0	28.1	13.4	7.88	16.5	2.70	1.408	21
22	1.03 B	0.8608	1.15 B	4.308	27.6	38.4	24.7	13.8	8.70	13.4	2.558	1.388	22
23	1.01 B	0.8558	1.20 B	5.008	26.8	83.3	25.4	17.7	8.71	8.45	2.488	1.368	23
24	1.00 B	0.8458	1.28 B	6.408	24.5	68.0	23.7	20.2	10.5	6.82	2.378	1.348	24
25	0.9988	0.8588	1.38 B	8.008	23.3	60.0	25.7	22.1	13.2	7.38	2.298	1.338	25
26	0.9908	0.8658	1.37 B	12.0 B	19.5	48.1	26.9	26.3	15.0	6.77	2.228	1.318	26
27	0.9838	0.8758	1.34 B	14.3 B	18.5	38.0	31.0	26.9	8.05	5.78	2.178	1.298	27
28	0.9758	0.8908	1.35 B	16.3 B	26.1	33.1	26.8	26.2	5.77	5.75	2.118	1.278	28
29	0.9608		1.37 B	18.3 B	49.3	34.3	25.2	30.4	4.78	8.34	2.088	1.268	29
30	0.9438		1.45 B	20.2	82.6	33.0	30.5	26.3	4.65	7.78	2.028	1.258	30
31	0.9268		1.54 B		78.1		35.4	28.1		5.84		1.248	31
TOTAL	33.184	24.393	33.424	183.62	840.3	1 238.5	855.6	692.0	280.38	211.28	112.18	47.51	TOTAL
MEAN	1.07	0.871	1.08	5.45	27.1	41.3	27.6	22.3	9.35	6.81	3.74	1.53	MEAN
MAX	1.24	0.923	1.54	20.2	82.6	82.0	35.4	26.9	30.1	16.5	7.27	1.88	MAX
MIN	0.935	0.845	0.900	1.61	13.9	29.3	19.3	13.3	3.38	3.80	2.02	1.24	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 12.4
MAXIMUM DAILY, 82.6 ON MAY 30
MINIMUM DAILY, 0.8458 ON FEB 24
MAXIMUM INSTANTANEOUS,
107 AT 18:52 PST ON MAY 30

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 06 35 N
LONG 129 28 33 W
DRAINAGE AREA, 221 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 870	JUL	73 900
FEB	2 110	AUG	59 800
MAR	2 890	SEP	24 200
APR	14 100	OCT	18 300
MAY	72 600	NOV	9 690
JUN	107 000	DEC	4 100

TOTAL DISCHARGE, 392 000 dam³

SWALWELL LAKE NEAR OKANAGAN CENTRE - STATION NO 08NM062

DAILY WATER LEVEL IN METRES FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	3.880	3.700	---	2.850	---	---	---	---	1
2	---	2.826	---	---	3.882	---	---	---	1.840	---	---	---	2
3	---	---	---	---	3.880	3.680	---	2.830	---	---	---	---	3
4	---	---	---	2.830	---	---	3.320	---	---	---	---	---	4
5	2.826	---	---	---	---	---	---	2.780	---	---	---	---	5
6	---	---	---	2.830	3.850	3.510	3.300	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	1.800	---	---	---	7
8	---	---	---	2.860	---	3.590	3.270	2.800	---	---	---	---	8
9	---	---	2.780	---	3.850	---	---	---	1.780	---	---	---	9
10	---	---	---	---	---	3.550	---	2.550	---	---	---	---	10
11	---	2.850	---	2.870	3.830	---	3.200	---	---	1.322	---	---	11
12	---	---	---	---	---	---	---	2.500	1.750	---	---	---	12
13	---	---	---	2.870	---	3.480	3.190	---	---	---	---	---	13
14	2.830	---	2.780	2.920	3.810	---	---	---	1.700	---	---	---	14
15	---	---	---	2.900	---	3.450	3.150	2.470	---	---	1.300	1.400	15
16	---	---	---	---	3.810	---	---	---	1.650	---	---	---	16
17	---	---	---	---	---	3.420	---	2.400	---	---	---	---	17
18	---	---	---	3.000	3.800	---	3.150	---	---	---	---	---	18
19	---	---	---	---	---	---	---	2.350	1.580	---	---	---	19
20	---	---	---	3.100	3.800	3.400	3.100	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	1.520	---	---	---	21
22	---	---	---	3.150	---	3.390	3.140	2.280	---	---	---	---	22
23	---	---	---	---	3.790	---	---	---	1.480	---	1.320	---	23
24	---	---	---	---	---	3.350	---	2.200	---	---	---	---	24
25	---	2.800	---	---	3.780	---	3.100	---	---	---	---	---	25
26	---	---	---	3.580	---	---	---	2.000	1.460	---	---	---	26
27	---	---	---	---	3.784	3.300	2.982	---	---	---	---	---	27
28	---	---	2.780	3.810	---	---	---	---	1.420	---	---	---	28
29	---		---	---	---	3.310	3.000	1.900	---	---	---	---	29
30	---		---	3.830	3.780	---	---	2.040	1.390	---	1.370	1.410	30
31	2.830		---		---		---	1.670		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - MANUAL
LOCATION - LAT 50 02 35 N
LONG 119 14 35 W

REGULATED SINCE 1923

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

SWIFT RIVER NEAR SWIFT RIVER - STATION NO. 09AE003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	11.7 B	9.70B	7.80B	7.70B	12.0B	256	68.1	41.5	49.6	51.7	30.5B	15.2B	1
2	11.7 B	9.50B	8.00B	7.65B	12.8B	262	71.2	40.8	52.8	53.5	29.0B	15.4B	2
3	11.6 B	9.25B	7.80B	7.60B	13.4B	241	75.1	39.6	70.2	58.0	28.7B	15.5B	3
4	11.4 B	9.10B	7.60B	7.60B	14.5B	197	82.6	39.6	77.9	61.9	28.9B	15.6B	4
5	11.2 B	9.00B	7.30B	7.55B	15.5E	178	86.9	38.8	82.0	60.4	28.4B	15.3B	5
6	11.0 B	9.00B	7.20B	7.40B	17.0B	169	88.4	37.6	84.2	57.2	27.0B	15.3B	6
7	10.9 B	9.00B	7.20B	7.40B	18.5E	164	84.9	36.5	82.2	55.1	25.0B	14.5B	7
8	10.8 B	8.05B	7.20B	7.30B	20.5E	156	77.4	35.3	79.1	53.4	23.5B	14.0B	8
9	10.4 B	8.95B	7.30B	7.25B	22.5E	143	70.2	34.9	75.0	50.2	22.8B	13.8B	9
10	9.90B	8.90B	7.45B	7.20B	25.0E	138	65.7	38.1	70.3	47.1	22.2B	13.6B	10
11	9.60B	8.80B	7.95B	7.20B	27.0E	135	62.5	40.4	66.3	46.8	22.0B	13.7B	11
12	9.60B	8.70B	7.90B	7.20B	35.0E	128	59.0	39.1	63.3	46.2	22.0B	13.7B	12
13	9.70B	8.50B	7.80B	7.50B	41.4A	118	55.9	37.4	63.0	47.8	21.9B	13.6B	13
14	9.80B	8.30B	7.65B	7.60B	42.8	108	53.2	36.1	62.5	46.2	21.7B	13.6B	14
15	10.0 B	8.10B	7.90B	7.80B	45.1	102	52.0	36.2	62.0	44.5	21.6B	13.9B	15
16	10.2 B	8.00B	7.95B	8.20B	47.1	107	49.4	37.9	60.7	41.7	21.4B	13.6B	16
17	10.4 B	7.85B	7.95B	8.50B	48.6	108	47.3	40.1	58.9	39.8	21.5B	13.2B	17
18	10.7 B	7.85B	7.95B	8.60B	49.6	101	45.5	42.0	56.9	40.9	21.8B	12.5B	18
19	10.9 B	7.80B	7.90B	8.65B	48.2	101	44.5	44.2	54.5	41.8	21.0B	11.8B	19
20	11.1 B	7.90B	7.75B	8.80B	53.5	101	45.1	46.6	55.5	41.9	20.5B	11.7B	20
21	11.2 B	7.85B	7.50B	9.10B	58.3	97.9	44.8	47.4	60.6	41.2	19.5B	11.5B	21
22	11.1 B	7.85B	7.40B	9.30B	57.6	93.3	50.8	48.0	62.3	40.0	18.7B	11.4B	22
23	10.7 B	7.90B	7.25B	9.55B	58.5	88.3	53.2	51.0	61.6	38.3	18.3B	11.5B	23
24	10.3 B	7.95B	7.25B	9.70B	58.0	83.8	51.7	52.8	61.7	36.2	17.7B	11.7B	24
25	10.1 B	7.90B	7.30B	9.90B	59.1	80.1	48.1	54.0	62.0	35.6	17.5B	11.8B	25
26	10.1 B	7.80B	7.35B	10.2 B	57.5	78.0	48.5	54.1	60.0	35.5	17.8B	11.8B	26
27	10.0 B	7.80B	7.40B	10.4 B	53.5	77.5	48.5	55.8	57.2	34.8	17.2B	11.5B	27
28	9.95B	7.80B	7.45B	10.7 B	55.3	75.8	47.0	55.8	54.4	34.6	16.5B	11.0B	28
29	9.80B		7.60B	11.1 B	70.5	71.1	45.0	54.4	51.9	33.7	16.0B	10.9B	29
30	9.80B		7.65B	11.5 B	113	67.4	43.4	52.5	50.7	32.4	15.4B	10.9B	30
31	9.90B		7.70B		197		42.2	51.2		31.6		11.0B	31
TOTAL	325.55	236.20	235.80	256.15	1 456.5	3 854.8	1 809.1	1 380.3	1 910.1	1 381.0	855.5	405.2	TOTAL
MEAN	10.5	8.44	7.80	8.54	47.0	128	58.4	43.9	63.7	44.5	21.9	13.1	MEAN
MAX	11.7	9.70	8.00	11.5	197	282	88.4	55.8	84.2	61.9	30.5	15.8	MAX
MIN	9.60	7.80	7.20	7.20	12.0	67.4	42.2	34.9	49.6	31.6	15.4	10.9	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 38.0
MAXIMUM DAILY, 282 ON JUN 2
MINIMUM DAILY, 7.20B ON MAR 6
MAXIMUM INSTANTANEOUS,
269 AT 05:15 YST ON JUN 2

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 59 55 50 N
LONG 131 48 04 W
DRAINAGE AREA, 3 320 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	28 100	JUL	156 000
FEB	20 400	AUG	118 000
MAR	20 400	SEP	165 000
APR	22 100	OCT	119 000
MAY	126 000	NOV	56 600
JUN	333 000	DEC	35 000

TOTAL DISCHARGE, 1 200 000 dam³

TABOR CREEK ABOVE SWEDE CREEK - STATION NO. 08KE032

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.390B	0.843	0.605	0.257E	0.612E	0.308E	0.054E	0.051	0.212	0.112B	1
2	---	---	0.392B	0.986	0.620	0.214E	0.465E	0.290E	0.054E	0.049	0.202	0.112B	2
3	---	---	0.395B	0.907	0.690	0.130E	0.420E	0.300E	0.052E	0.037	0.183	0.111B	3
4	---	---	0.405B	0.881	0.715E	0.058E	0.410E	0.689E	0.051E	0.046	0.214	0.110B	4
5	---	---	0.412B	1.06	0.750E	0.045E	0.643E	0.675E	0.050E	0.037	0.238	0.110B	5
6	---	---	0.425B	2.78	0.695E	0.138E	1.01 E	0.650E	0.050E	0.052	0.222	0.109B	6
7	---	---	0.442B	3.05	0.650E	0.081E	1.48 E	0.618E	0.049E	0.056	0.214	0.108B	7
8	---	---	0.478B	1.93	0.620E	0.048E	1.24 E	0.582E	0.048E	0.052	0.240	0.107B	8
9	---	---	0.520B	1.50	0.578E	0.050E	0.925E	0.520E	0.048E	0.055	0.230	0.106B	9
10	---	---	0.580B	1.30	0.535E	0.263E	0.840E	0.448E	0.048E	0.052	0.209	0.108B	10
11	---	---	0.650B	1.13	0.425E	0.257E	1.23 E	0.410E	0.050E	0.049	0.195	0.105B	11
12	---	---	0.742B	0.883	0.367E	0.232E	2.04 E	0.380E	0.058E	0.037	0.222	0.105B	12
13	---	---	0.900B	0.937	0.335E	0.110E	2.59 E	0.338E	0.058E	0.046	0.224	0.104B	13
14	---	---	1.15 B	0.932	0.312E	0.082E	1.84 E	0.306E	0.060	0.053	0.232	0.103B	14
15	---	---	1.30 B	1.00	0.285E	0.038	1.50 E	0.277E	0.052	0.038	0.298	0.103B	15
16	---	---	1.40 B	1.09	0.278E	0.043E	2.05 E	0.250E	0.060	0.037	0.418	0.102B	16
17	---	---	1.44	1.11	0.292E	0.084E	1.77 E	0.209E	0.056	0.055	0.444	0.102B	17
18	---	---	1.25	1.36	0.325E	0.135E	1.60 E	0.180E	0.048	0.062	0.483	0.101B	18
19	---	---	0.833	1.29	0.379E	0.465E	1.46 E	0.152E	0.039	0.077	0.428	0.101B	19
20	---	---	0.842	1.16	0.485E	0.520E	1.26 E	0.139E	0.041	0.074	0.348	0.101B	20
21	---	---	0.882	1.28	0.441E	0.845E	1.13 E	0.131E	0.037	0.072	0.1858	0.100B	21
22	---	---	0.796	1.10	0.418E	0.750E	0.960E	0.122E	0.035	0.074	0.1848	0.101B	22
23	---	0.3748	0.806	1.04	0.405E	0.650E	0.838E	0.116E	0.035	0.070	0.1598	0.102B	23
24	---	0.3758	0.844	0.983	0.389E	0.860E	0.745E	0.111E	0.031	0.070	0.1508	0.102B	24
25	---	0.3758	0.873	0.839	0.373E	0.570E	0.647E	0.105E	0.026	0.070	0.1398	0.103B	25
26	---	0.3788	0.888	0.838	0.361E	0.590E	0.526	0.100E	0.032	0.090	0.1328	0.104B	26
27	---	0.3808	0.897	0.726	0.340E	0.463E	0.520E	0.090E	0.023	0.178	0.1278	0.105B	27
28	---	0.3828	0.717	0.688	0.325E	0.215E	0.463E	0.071E	0.025	0.164	0.1228	0.106B	28
29	---		0.707	0.854	0.311E	0.448E	0.410E	0.064E	0.023	0.158	0.1168	0.107B	29
30	---		1.08	0.817	0.293E	1.34 E	0.379E	0.060E	0.052	0.139	0.1138	0.110B	30
31	---		0.951		0.283E		0.333E	0.058E		0.171		0.116B	31
TOTAL	---	---	23.592	35.278	13.872	9.990	22.317	5.747	1.358	2.283	5.868	3.273	TOTAL
MEAN	---	---	0.761	1.18	0.447	0.333	1.04	0.262	0.045	0.074	0.229	0.106	MEAN
MAX	---	---	1.44	3.05	0.750	1.34	2.59	0.689	0.060	0.178	0.483	0.116	MAX
MIN	---	---	0.390	0.817	0.278	0.038	0.333	0.058	0.023	0.037	0.113	0.100	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 3.05 ON APR 7

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - MANUAL
LOCATION - LAT 53 51 45 N
LONG 122 34 14 W
DRAINAGE AREA, 60.2 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	2 790
FEB	---	AUG	758
MAR	2 040	SEP	117
APR	3 050	OCT	197
MAY	1 200	NOV	593
JUN	863	DEC	283

TAKU RIVER NEAR TULSEQUAH - STATION NO. 08BB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	33.8B	23.6B	20.0B	20 0B	276	883	---	---	---	233E	135	67 0B	1
2	33.3B	24.0B	20.1B	20.7B	285	1 050E	---	---	---	227E	116	65 0B	2
3	33.1B	24.1B	20.0B	21.5B	288	960E	---	---	---	240E	119	65 0B	3
4	33.4B	23.8B	19.6B	22.5B	292	814	---	---	---	242E	116	62 0B	4
5	33.9B	23.5B	19.4B	24 0B	290	761	---	---	---	240E	114	60 0B	5
6	33.5B	22.5B	19.2B	25 0B	279	744	---	---	---	238A	109	53 0B	6
7	32.4B	22.1B	19.1B	26.0B	282	742	---	---	---	226	94.0	55 0B	7
8	32.0B	22.0B	19.0B	30 0B	283	735	---	---	---	219	89.1	52 0B	8
9	30.4B	21.9B	19.1B	33.5B	293	726	---	---	---	207	81.0	51 0B	9
10	30.3B	21.6B	19.2B	38.0B	312	720	---	---	---	190	80.0B	51.0B	10
11	30.1B	21.2B	19.2B	45.0B	327	718	---	---	---	187	76.0B	51.0C	11
12	30.0B	21.0B	19.3B	50.0B	338	717	---	---	---	198	77.0B	51.0B	12
13	30.0B	20.8B	19.5B	56.0B	344A	728	---	---	---	198	76.0B	50.9B	13
14	29.9B	20.6B	19.8B	62.0B	337	712	---	---	---	194	75.0B	50.0B	14
15	29.6B	20.7B	20.0B	70.0B	342	700E	---	---	---	184	73.0B	49.9B	15
16	29.6B	20.6B	19.8B	80.0B	348	690E	---	---	---	171	75.0B	49.0B	16
17	29.2B	20.4B	19.9B	92 0B	340	680E	---	---	---	184	75.9B	48.0B	17
18	28.9B	20.2B	19.6B	105 B	327	710E	---	---	---	184	75.0B	47.9B	18
19	27.5B	20.1B	19.5B	125 B	308	740E	---	---	---	173	73.0B	46.0B	19
20	26.4B	20.5B	19.1B	150 B	295	760E	---	---	---	172	71.0B	45.0B	20
21	25.2B	20.9B	18.9B	158	296	720E	---	---	---	167	71.0B	44.0B	21
22	24.7B	21.2C	18.6B	155	297	670E	---	---	---	164	70.0B	43.0B	22
23	24.2B	21.3B	18.5B	160	290	680E	---	---	---	164	69.0B	42.0B	23
24	24.1B	21.1B	18.3B	164	283	680E	---	---	---	160	68.0B	42.5B	24
25	24.2B	20.9B	18.2B	174	275	630E	---	---	---	157	67.9B	43.0B	25
26	24.5B	20.8B	18.3B	184	259	610E	---	---	---	159	67.0B	42.5B	26
27	24.9B	20.4B	18.5B	194	238	590E	---	553A	---	152	66.0B	42.0B	27
28	25.0B	20.1B	18.6B	217	225	580E	---	---	---	147	65.9B	41.5B	28
29	25.1B		18.6B	247	247	560E	---	---	---	145	65.0B	41.0B	29
30	24.6B		18.0B	264	420	540E	---	---	---	140	64.5B	41.5B	30
31	24.0B		18.3B		740		---	---	---	135		42.0B	31
TOTAL	888.4	602.3	595.1	3 022.2	9 767	21 498	---	---	---	5 784	2 483.1	1 540.0	TOTAL
MEAN	28.7	21.5	19.2	101	315	717	---	---	---	186	82.1	49.7	MEAN
MAX	33.9	24.1	20.1	264	740	1 050	---	---	---	242	135	67.0	MAX
MIN	24.0	20.1	18.2	20 0	225	560	---	---	---	135	65.5	41.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 18.2B ON MAR 25

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 38 20 N
LONG 133 32 26 W
DRAINAGE AREA, 15 500 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	76 800	JUL	---
FEB	52 000	AUG	---
MAR	51 500	SEP	---
APR	261 000	OCT	498 000
MAY	843 000	NOV	213 000
JUN	1 850 000	DEC	133 000

TAPPEN CREEK AT THE SOURCE - STATION NO. 08LE087

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.23B	0.267E	0.378E	0.372E	0.373E	0.377E	---	---	---	1
2	---	---	---	0.238E	0.273	0.380E	0.368E	0.370E	0.378E	---	---	---	2
3	---	---	---	0.238E	0.279E	0.382	0.362E	0.369E	0.370E	---	---	---	3
4	---	---	---	0.238E	0.28B	0.385E	0.354E	0.368E	0.375E	---	---	---	4
5	---	---	---	0.23B	0.330E	0.387E	0.354E	0.368E	0.375E	---	---	---	5
6	---	---	---	0.238E	0.382E	0.389E	0.354E	0.367E	0.378E	---	---	---	6
7	---	---	---	0.238E	0.403E	0.390E	0.358E	0.368E	0.380E	---	---	---	7
8	---	---	---	0.23B	0.384E	0.391	0.358E	0.364E	0.38EE	---	---	---	8
9	---	---	---	0.238E	0.368E	0.390E	0.362E	0.363E	0.383E	---	---	---	9
10	---	---	---	0.238E	0.331E	0.389E	0.374E	0.365E	0.389E	---	---	---	10
11	---	---	---	0.23B	0.331E	0.388E	0.378E	0.369E	0.389E	---	---	---	11
12	---	---	---	0.238E	0.331E	0.387E	0.379E	0.389E	0.388E	---	---	---	12
13	---	---	---	0.23B	0.331E	0.387	0.354E	0.365E	0.385E	---	---	---	13
14	---	---	---	0.238E	0.340E	0.385E	0.354E	0.365E	0.384E	---	---	---	14
15	---	---	---	0.23B	0.349E	0.380E	0.354E	0.365E	0.383E	---	---	---	15
16	---	---	---	0.240E	0.378E	0.378E	0.354E	0.368E	0.389E	---	---	---	16
17	---	---	---	0.242E	0.417E	0.375E	0.354E	0.370E	0.390E	---	---	---	17
18	---	---	---	0.244	0.464E	0.377E	0.354E	0.372E	0.38EE	---	---	---	18
19	---	---	---	0.244E	0.445E	0.380E	0.354E	0.373E	0.387E	---	---	---	19
20	---	---	---	0.244	0.445E	0.380E	0.354E	0.374E	0.385E	---	---	---	20
21	---	---	---	0.248E	0.488E	0.378E	0.354E	0.385E	0.388E	---	---	---	21
22	---	---	---	0.253	0.488E	0.378E	0.354E	0.367E	0.384E	---	---	---	22
23	---	---	---	0.253E	0.484E	0.380E	0.354E	0.369E	0.383E	---	---	---	23
24	---	---	---	0.253E	0.518E	0.390E	0.354E	0.370E	0.382E	---	---	---	24
25	---	---	---	0.253	0.526E	0.380E	0.354E	0.370E	0.385E	---	---	---	25
26	---	---	---	0.252E	0.477E	0.385E	0.370E	0.370E	0.385E	---	---	---	26
27	---	---	---	0.250	0.477E	0.383E	0.383	0.370E	0.388E	---	---	---	27
28	---	---	---	0.253E	0.481E	0.383E	0.370E	0.376E	0.389E	---	---	---	28
29	---		---	0.257	0.478E	0.383	0.384E	0.380E	0.388E	---	---	---	29
30	---		---	0.262E	0.380E	0.376E	0.384E	0.382E	0.388E	---	---	---	30
31	---		---		0.381E		0.370E	0.388		---		---	31
TOTAL	---	---	---	7.319	12.261	11.603	11.172	11.488	11.513	---	---	---	TOTAL
MEAN	---	---	---	0.244	0.396	0.383	0.360	0.370	0.384	---	---	---	MEAN
MAX	---	---	---	0.262	0.526	0.391	0.383	0.388	0.390	---	---	---	MAX
MIN	---	---	---	0.238	0.267	0.375	0.354	0.363	0.376	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 0.526E ON MAY 25

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - MANUAL
LOCATION - LAT 60 47 45 N
LONG 118 23 41 W
DRAINAGE AREA, 4.40 km²

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	965
FEB	---	AUG	991
MAR	---	SEP	995
APR	632	OCT	---
MAY	1 050	NOV	---
JUN	994	DEC	---

TAPPEN CREEK NEAR TAPPEN - STATION NO. 08LE041

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.388E	0.478	0.575	0.480	0.510	0.503	0.544	---	---	1
2	---	---	---	0.398	0.486	0.575	0.480	0.483	0.531	0.544	---	---	2
3	---	---	---	0.376	0.575	0.552	0.483	0.476	0.518	0.535	---	---	3
4	---	---	---	0.378	0.575	0.570	0.483	0.476	0.510	0.535	---	---	4
5	---	---	---	0.378	0.552	0.552	0.483	0.476	0.518	0.544	---	---	5
6	---	---	---	0.378	0.481	0.552	0.483	0.476	0.510	0.544	---	---	6
7	---	---	---	0.320	0.734	0.552	0.483	0.476	0.510	0.544	---	---	7
8	---	---	---	0.388	0.710	0.510	0.476	0.476	0.510	0.544	---	---	8
9	---	---	---	0.386	0.588	0.496	0.483	0.481	0.527	0.544	---	---	9
10	---	---	---	0.380	0.561	0.510	0.483	0.476	0.544	0.535	---	---	10
11	---	---	---	0.389	0.561	0.510	0.483	0.470	0.531	0.544	---	---	11
12	---	---	---	0.386	0.561	0.503	0.510	0.481	0.531	0.544	---	---	12
13	---	---	---	0.380	0.561	0.531	0.503	0.481	0.531	0.544	---	---	13
14	---	---	---	0.388	0.841	0.531	0.483	0.481	0.531	0.544	---	---	14
15	---	---	---	0.363	0.598	0.510	0.483	0.470	0.531	0.544	---	---	15
16	---	---	---	0.381	0.884	0.483	0.490	0.483	0.539	0.531	---	---	16
17	---	---	---	0.381	0.770	0.478	0.483	0.478	0.544	0.598	---	---	17
18	---	---	---	0.351	0.898	0.483	0.478	0.470	0.544	0.598	---	---	18
19	---	---	---	0.381	0.785	0.476	0.476	0.476	0.527	0.535	---	---	19
20	---	---	---	0.351	0.785	0.483	0.476	0.478	0.527	0.598	---	---	20
21	---	---	---	0.353	0.909	0.483	0.478	0.446	0.527	0.580	---	---	21
22	---	---	---	0.366	0.909	0.478	0.476	0.478	0.527	0.598	---	---	22
23	---	---	---	0.358	0.949	0.478	0.478	0.481	0.527	0.575	---	---	23
24	---	---	---	0.374	1.05	0.518	0.478	0.478	0.527	0.575	---	---	24
25	---	---	---	0.394	1.07	0.483	0.476	0.481	0.527	0.598	---	---	25
26	---	---	---	0.410	0.929	0.483	0.483	0.478	0.527	0.598	---	---	26
27	---	---	---	0.398	0.929	0.483	0.483	0.478	0.527	0.598	---	---	27
28	---	---	---	0.398	0.842	0.483	0.483	0.503	0.527	0.575	---	---	28
29	---		0.385	0.405	0.836	0.478	0.483	0.510	0.527	0.575	---	---	29
30	---		---	0.412	0.875	0.503	0.478	0.503	0.527	0.575	---	---	30
31	---		---		0.852		0.478	0.510		0.598		---	31
TOTAL	---	---	---	11.284	22.840	15.394	14.974	14.788	15.787	17.526	---	---	TOTAL
MEAN	---	---	---	0.376	0.737	0.510	0.483	0.477	0.526	0.565	---	---	MEAN
MAX	---	---	---	0.412	1.07	0.575	0.510	0.510	0.544	0.625	---	---	MAX
MIN	---	---	---	0.351	0.476	0.476	0.476	0.446	0.503	0.531	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 1.07 ON MAY 25

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - MANUAL
LOCATION - LAT 50 47 02 N
LONG 119 20 55 W
DRAINAGE AREA, 28.9 km²

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 290
FEB	---	AUG	1 280
MAR	---	SEP	1 380
APR	975	OCT	1 510
MAY	1 970	NOV	---
JUN	1 320	DEC	---

TASEKO RIVER AT OUTLET OF TASEKO LAKES - STATION NO. 08MA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.70E	4.90	4.41	3.90E	10.9E	122 E	78.2	82.8	85.0	19.7	26.0	7.67	1
2	5.65E	4.82	4.39	3.78E	12.7E	158 E	78.9	88.4	70.2	18.9	25.8	7.38	2
3	5.55E	4.88A	4.29	3.80E	15.2E	168 E	77.4	90.5	71.7	18.0	24.0	7.28	3
4	5.50E	4.80E	4.31	3.69E	17.1E	158 E	76.6	89.9	71.4	18.5	22.1	7.18	4
5	5.42A	4.30E	4.29	3.70E	19.3E	136 A	75.3	85.7	69.4	15.9	21.4	6.89	5
6	5.40E	4.20E	4.28	3.65E	20.2E	122	74.3	82.6	85.5	15.4	20.8	6.78	6
7	5.55E	4.18E	4.25	3.60E	21.0E	110	71.4	78.9	59.3	14.9	18.1	6.59	7
8	6.00E	4.20E	4.67	3.51E	22.3E	107	67.4	78.9	54.8	14.4	16.8	6.25	8
9	5.98E	4.40E	4.62	3.80E	22.1E	107	63.7	84.1	50.4	13.3	15.1	6.43	9
10	6.00E	4.80E	4.78	3.89E	22.0E	107	60.7	91.0	46.2	12.2	15.3	6.38	10
11	6.44E	5.30E	4.82	3.70E	22.2E	103	59.9	97.2	40.9	11.7	15.2	6.54	11
12	6.24E	5.95E	4.82	3.70E	23.0E	95.2	65.5	104	36.5	11.2	14.0	6.44	12
13	6.18E	5.45E	4.86	3.72E	24.0E	88.6	77.2	108	32.3	10.8	13.0	6.14	13
14	6.14A	5.41E	4.84	3.77E	25.1E	81.9	87.0	108	28.8	10.4	12.9	5.86	14
15	6.21	5.38E	4.64	3.80A	25.1E	78.7	90.1	111	27.9	10.4	12.9	5.82	15
16	6.19	5.27E	4.39	3.79	25.2E	80.9	85.5	108	27.1	10.5	12.8	5.37	16
17	6.23	5.10E	4.34	3.93	25.9E	83.5	85.8	104	26.8	9.75	12.5	5.20	17
18	6.05	5.20E	4.28	3.83	28.5E	81.8	86.7	99.3	25.2	9.80	11.5	5.37	18
19	5.98	5.23E	4.36A	4.07	29.8E	76.9	87.7	94.6	24.1	9.29	11.2	4.83	19
20	5.77	5.00E	4.20E	4.20A	31.5E	71.1	82.1	87.5	22.9	9.02	10.5	4.76	20
21	5.63	4.88E	4.18E	4.50E	35.0E	67.2	86.3	81.9	21.5	9.59	10.3	4.79	21
22	5.43	4.97E	4.18E	4.90E	40.0E	65.4	86.2	77.4	21.2	9.10	10.5	4.74	22
23	5.31	4.95A	4.10E	5.10E	45.5E	66.5	85.1	73.9	21.4	8.84	10.2	4.65	23
24	5.40	4.94	4.02E	5.50E	50.0E	72.1	82.8	70.7	22.3	9.50	9.47	4.50	24
25	5.59	4.83	4.03E	6.00E	58.0E	75.5	81.0	69.0	23.5	9.01	9.44	4.84	25
26	5.35	4.70	4.02E	6.45E	64.0E	74.9	80.3	68.6	23.9	10.1	9.89	4.82	26
27	5.47	4.57	4.01E	7.00E	70.0E	74.2	84.6	69.6	22.8	10.0	9.11	4.46	27
28	5.34	4.45	4.01E	7.70E	78.0E	76.6	79.7	84.2	22.7	23.1	8.83	4.37	28
29	5.11		4.01E	8.80E	84.0E	78.2	77.9	82.8	21.7	26.9	8.39	4.24	29
30	5.06		4.00E	9.45E	91.0E	78.4	77.9	83.4	20.8	26.9	8.02	4.37	30
31	5.04		3.95E		100 E		76.3	83.9		26.4		4.39	31
TOTAL	176.74	136.46	134.14	140.81	1 158.6	2 687.4	2 503.4	2 637.8	1 139.2	437.84	426.45	174.47	TOTAL
MEAN	5.70	4.87	4.33	4.69	37.4	95.6	80.8	85.1	38.0	14.1	14.2	5.63	MEAN
MAX	6.44	5.65	4.82	9.45	100	168	96.8	111	71.7	26.9	26.0	7.67	MAX
MIN	5.04	4.18	3.95	3.51	10.9	65.4	59.9	69.4	20.8	9.84	8.02	4.24	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 32.7
MAXIMUM DAILY, 168E ON JUN 3
MINIMUM DAILY, 3.51E ON APR 8
MAXIMUM INSTANTANEOUS,
168E ON JUN 3

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 22 45 N
LONG 123 37 50 W
DRAINAGE AREA, 1 520 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	15 300	JUL	216 000
FEB	11 800	AUG	228 000
MAR	11 600	SEP	98 400
APR	12 200	OCT	37 800
MAY	100 000	NOV	36 800
JUN	244 000	DEC	15 100

TOTAL DISCHARGE, 1 030 000 dam³

TEETZEL CREEK NEAR THE MOUTH - STATION NO. 10BE009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.6020	0.6180	0.6800	0.6360	0.809	1.76	1.30E	1.15 A	0.944	0.859	0.7650	0.6840	1
2	0.6000	0.6180	0.6600	0.6400	0.808	1.70	1.28E	1.13	0.951	0.901	0.7550	0.6820	2
3	0.7950	0.6110	0.6660	0.6500	0.845	1.76	1.27E	1.12	0.980	0.936	0.7640	0.6830	3
4	0.7700	0.6100	0.6620	0.6780	0.923	1.72	1.28E	1.12	1.00	1.02	0.7490	0.6850	4
5	0.7480	0.6050	0.6530	0.6800	0.840	1.70	1.29E	1.09	0.997	0.988	0.7400	0.6780	5
6	0.7250	0.6180	0.6500	0.6650	0.884	1.74	1.27E	1.07	0.978	0.960	0.7140	0.6680	6
7	0.7200	0.6220	0.6520	0.6280	1.00	1.76	1.22E	1.07	0.957	0.924	0.6920	0.6600	7
8	0.7150	0.6150	0.6520	0.6260	1.00	1.73	1.20E	1.06	0.943	0.924	0.6780	0.6580	8
9	0.7000	0.6050	0.6500	0.6280	0.978	1.69	1.18E	1.05	0.927	0.905	0.6650	0.6570	9
10	0.6850	0.6020	0.7020	0.6300	0.968	1.66A	1.16E	1.04	0.934	0.8970	0.6800	0.6590	10
11	0.6770	0.6050	0.7020	0.6380	1.03	1.64E	1.15E	1.04	0.931	0.922	0.6590	0.6800	11
12	0.6750	0.6140	0.6800	0.6600	1.04	1.62E	1.14E	1.04	0.918	0.920	0.6500	0.6620	12
13	0.6770	0.6200	0.6570	0.7100	1.01	1.59E	1.12E	1.03	0.913	0.914	0.6500	0.6640	13
14	0.6800	0.6100	0.6720	0.7680	1.01	1.57E	1.12E	1.04	0.911	0.905	0.6390	0.6580	14
15	0.6900	0.6020	0.6600	0.7150	1.05	1.54E	1.11E	1.03	0.906	0.885	0.6340	0.6450	15
16	0.6880	0.6000	0.6600	0.7600	1.13	1.52E	1.12E	1.02	0.913	0.8700	0.6340	0.6430	16
17	0.7010	0.6020	0.6550	0.8200	1.20	1.50E	1.13E	1.04	0.903	0.8340	0.6360	0.6400	17
18	0.7000	0.6180	0.6450	0.892	1.23	1.49E	1.14E	1.05	0.884	0.836	0.6390	0.6400	18
19	0.6940	0.6420	0.6400	0.743	1.24	1.50E	1.15E	1.06	0.887	0.882	0.6330	0.6420	19
20	0.6800	0.6500	0.6300	0.721	1.59	1.49E	1.17E	1.15	0.907	0.870	0.6190	0.6370	20
21	0.6600	0.6540	0.6100	0.830	1.69	1.48E	1.18E	1.10	0.907	0.850	0.6080	0.6300	21
22	0.6550	0.6550	0.6000	0.956	1.65	1.45E	1.20E	1.06	0.906	0.872	0.6070	0.6230	22
23	0.6500	0.6450	0.6000	0.933	1.65	1.41E	1.20E	1.06	0.912	0.862	0.6090	0.6220	23
24	0.6400	0.6500	0.6120	0.918	2.26	1.39E	1.19E	1.02	0.906	0.856	0.6000	0.6200	24
25	0.6400	0.6620	0.6230	0.933	2.46	1.40E	1.18E	1.02	0.913	0.855	0.6000	0.6180	25
26	0.6410	0.6440	0.6230	0.951	2.10	1.38E	1.13E	1.01	0.925	0.853	0.6050	0.6070	26
27	0.6440	0.6400	0.6090	0.965	1.91	1.35E	1.15E	1.00	0.896	0.842	0.6120	0.6060	27
28	0.6530	0.6450	0.6010	1.03	1.84	1.33E	1.18E	0.994	0.887	0.830	0.6000	0.6000	28
29	0.6580		0.6000	1.06	1.84	1.31E	1.24E	0.974	0.883	0.8090	0.5920	0.6070	29
30	0.6420		0.6010	0.931	1.84	1.30E	1.21E	0.960	0.892	0.8000	0.5870	0.6040	30
31	0.6220		0.6110		1.81		1.17E	0.952		0.7970		0.6050	31
TOTAL	21.442	17.520	19.985	23.370	41.675	46.48	36.81	32.610	27.713	27.300	19.595	18.783	TOTAL
MEAN	0.692	0.626	0.645	0.778	1.34	1.55	1.19	1.05	0.924	0.881	0.653	0.841	MEAN
MAX	0.803	0.658	0.702	1.06	2.46	1.76	1.30	1.16	1.00	1.02	0.765	0.685	MAX
MIN	0.622	0.600	0.600	0.625	0.808	1.30	1.11	0.952	0.883	0.797	0.587	0.484	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.908
MAXIMUM DAILY, 2.46 ON MAY 25
MINIMUM DAILY, 0.4848 ON DEC 30
MAXIMUM INSTANTANEOUS,
2.80 AT 23:34 PST ON MAY 24

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 59 37 15 N
LONG 126 13 39 W
DRAINAGE AREA, 311 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 850	JUL	3 180
FEB	1 510	AUG	2 820
MAR	1 730	SEP	2 390
APR	2 020	OCT	2 360
MAY	3 600	NOV	1 690
JUN	4 020	DEC	1 450

TOTAL DISCHARGE, 28 600 dam³

TEETZEL CREEK ABOVE DIVERSIONS - STATION NO 08NH137

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	0.084	0.039	0.017	0.008	0.012	---	1
2	---	---	---	---	---	---	0.083	0.038	0.016	0.008	0.014	---	2
3	---	---	---	---	---	---	0.084	0.038	0.018	0.008	0.072	---	3
4	---	---	---	---	---	---	0.079	0.034	0.018	0.008	0.048	---	4
5	---	---	---	---	---	---	0.078	0.032	0.015	0.007	0.036	---	5
6	---	---	---	---	---	---	0.073	0.028	0.014	0.007	0.048	---	6
7	---	---	---	---	---	---	0.070	0.027	0.014	0.007	0.038	---	7
8	---	---	---	---	---	---	0.070	0.028	0.013	0.007	0.036	---	8
9	---	---	---	---	---	---	0.067	0.022	0.013	0.007	0.035	---	9
10	---	---	---	---	---	---	0.061	0.028	0.018	0.007	0.039	---	10
11	---	---	---	---	---	---	0.080	0.028	0.018	0.007	0.061	---	11
12	---	---	---	---	---	---	0.081	0.028	0.014	0.008	0.048	---	12
13	---	---	---	---	---	---	0.074	0.028	0.014	0.008	0.048	---	13
14	---	---	---	---	---	---	0.078	0.024	0.014	0.008	0.043	---	14
15	---	---	---	---	---	---	0.080	0.023	0.012	0.007	0.048	---	15
16	---	---	---	---	---	---	0.077	0.021	0.012	0.008	0.058	---	16
17	---	---	---	---	---	---	0.076	0.020	0.011	0.007	0.065	---	17
18	---	---	---	---	---	---	0.072	0.018	0.011	0.007	0.058	---	18
19	---	---	---	---	---	---	0.070	0.018	0.010	0.008	0.050	---	19
20	---	---	---	---	---	---	0.073	0.018	0.010	0.009	0.048	---	20
21	---	---	---	---	---	---	0.068	0.017	0.010	0.007	0.043	---	21
22	---	---	---	---	---	---	0.067	0.018	0.010	0.018	0.040	---	22
23	---	---	---	---	---	---	0.064	0.018	0.010	0.018	0.037	---	23
24	---	---	---	---	---	---	0.062	0.028	0.010	0.011	0.038	---	24
25	---	---	---	---	---	---	0.057	0.023	0.009	0.010	0.036	---	25
26	---	---	---	---	---	---	0.050	0.024	0.008	0.008	0.035	---	26
27	---	---	---	---	---	---	0.048	0.020	0.008	0.008	0.034	---	27
28	---	---	---	---	---	---	0.048	0.020	0.008	0.008	0.034	---	28
29	---		---	---	---	0.083	0.044	0.018	0.008	0.008	0.033	---	29
30	---		---	---	---	0.084E	0.043	0.018	0.008	0.010	0.027	---	30
31	---		---		---		0.039	0.017		0.017		---	31
TOTAL	---	---	---	---	---	---	2.038	0.752	0.385	0.268	1.264	---	TOTAL
MEAN	---	---	---	---	---	---	0.065	0.024	0.012	0.009	0.042	---	MEAN
MAX	---	---	---	---	---	---	0.084	0.039	0.017	0.018	0.072	---	MAX
MIN	---	---	---	---	---	---	0.039	0.015	0.008	0.008	0.012	---	MIN

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 05 59 N
LONG 116 38 27 W

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	170
FEB	---	AUG	86.0
MAR	---	SEP	31.5
APR	---	OCT	22.9
MAY	---	NOV	108
JUN	---	DEC	---

TELKWA RIVER BELOW TSAI CREEK - STATION NO 08EE020

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.480	1.570	1.450	1.50	32.9	90.2	30.9	19.6	13.9	9.84	5.70E	1.930	1
2	1.470	1.550	1.360	1.51	35.4	90.1	32.0	18.4	14.9	9.43	6.20E	1.890	2
3	1.460	1.550	1.330	1.52	35.0	87.1	28.1	17.8	24.2	9.26	6.00E	1.850	3
4	1.450	1.540	1.300	1.55	20.8	43.5	25.1	15.3	18.1	10.1	5.80E	1.810	4
5	1.460	1.530	1.285	1.72	18.0	32.6	23.8	15.2	12.6	8.87	5.40E	1.770	5
6	1.520	1.580	1.260	2.03	17.6	28.2	21.4	17.0	13.2	7.85	5.00E	1.730	6
7	2.54	1.64	1.290	2.20	17.7	26.6	29.9	19.1	11.8	7.10	5.75E	1.690	7
8	2.45	1.67	1.320	2.13	18.4	31.3	23.1	17.7	9.38	6.65	5.60E	1.660	8
9	2.32	1.65	1.290	2.05	18.6	35.2	21.4	20.9	7.80	6.28	5.35E	1.630	9
10	2.29	1.65	1.61	1.97	15.4	34.1	22.8	24.8	7.15	5.88	5.15A	1.600	10
11	2.08	1.64	1.47	1.93	16.7	30.8	33.2	23.3	6.80	5.80	5.11	1.570	11
12	2.070	1.63	1.46	1.84	20.4	28.1	21.0	19.9	7.23	5.88	4.92	1.550	12
13	2.020	1.60	1.45	1.89	26.2	27.8	20.6	17.7	10.7	6.88A	4.73	1.520	13
14	1.980	1.65	1.45	2.06	27.2	23.7	21.5	17.0	14.5	5.75E	4.61	1.500	14
15	1.920	1.66	1.47	2.36	34.5	26.0	23.4	16.2	12.1	5.80E	4.61	1.480	15
16	1.880	1.64	1.48	2.77	38.0	29.0	27.2	25.2	13.7	5.42E	4.64	1.480	16
17	1.880	1.64	1.48	3.40	32.8	23.8	27.2	33.8	10.5	5.30E	4.76	1.440	17
18	1.830	1.63	1.48	4.03	26.1	22.8	28.3	20.9	9.00	5.20E	4.74	1.420	18
19	1.790	1.64	1.52	4.36	25.8	22.8	28.1	16.8	7.99	5.10E	4.53	1.410	19
20	1.770	1.65	1.69	4.37	42.8	21.8	28.7	18.4	8.89	5.40E	4.30	1.400	20
21	1.750	1.66	1.49	4.65	44.7	21.7	27.5	15.8	14.2	6.00E	3.32	1.380	21
22	1.730	1.67	1.33	5.22	38.4	23.8	23.4	17.0	13.3	7.80E	2.85B	1.380	22
23	1.710	1.68	1.31	5.66	38.1	31.5	20.6	16.7	12.7	6.80E	2.60B	1.370	23
24	1.690	1.68	1.34	6.39	37.4	33.4	19.8	15.6	11.8	5.70E	2.45B	1.360	24
25	1.670	1.68	1.38	7.84	37.3	31.1	18.0	14.2	17.9	7.10E	2.38B	1.380	25
26	1.880	1.67	1.40	10.3	30.9	30.8	18.8	13.9	24.2	9.00E	2.28B	1.350	26
27	1.840	1.60	1.40	11.8	28.0	30.0	18.7	14.1	14.6	10.8 E	2.18B	1.340	27
28	1.820	1.50	1.39	10.0	25.2	28.2	18.7	14.0	10.9	8.60E	2.10B	1.330	28
29	1.610		1.39	19.7	23.4	28.8	18.8	14.4	9.29	8.80E	2.02B	1.330	29
30	1.580		1.42	21.7	22.7	28.9	18.8	15.1	8.21	7.00E	1.97B	1.320	30
31	1.580		1.44		23.3		21.1	15.2		7.30E		1.320	31
TOTAL	55.82	44.97	43.59	155.80	1 002.9	1 027.5	732.6	527.0	372.93	219.18	130.88	47.16	TOTAL
MEAN	1.80	1.61	1.41	5.19	32.4	34.3	23.6	16.1	12.4	7.07	4.37	1.52	MEAN
MAX	2.54	1.86	1.52	21.7	83.3	90.2	32.0	33.8	24.2	10.8	6.80	1.93	MAX
MIN	1.45	1.50	1.28	1.50	15.4	21.7	18.7	13.9	6.80	5.10	1.97	1.32	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 12.0
MAXIMUM DAILY, 90.2 ON JUN 1
MINIMUM DAILY, 1.280 ON MAR 5
MAXIMUM INSTANTANEOUS,
95.7 AT 21:41 PST ON JUN 1

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 36 10 N
LONG 127 29 42 W
DRAINAGE AREA, 380 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	4 820	JUL	63 300
FEB	3 880	AUG	46 800
MAR	3 770	SEP	32 200
APR	13 500	OCT	18 900
MAY	86 700	NOV	11 300
JUN	88 800	DEC	4 070

TOTAL DISCHARGE, 380 000 dam³

TERRACE CREEK NEAR KELOWNA - STATION NO 08NM138

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.0508	0.046	0.0838	0.146	2.18	2.21	0.237	0.074	0.058	0.035	0.064	0.1028	1
2	0.0488	0.046	0.0908	0.145	2.27	1.73	0.302	0.068	0.195	0.036	0.127	0.0748	2
3	0.0488	0.046	0.0948	0.144	2.27	1.40	0.284	0.064	0.165	0.037	0.382	0.0788	3
4	0.0478	0.0428	0.0918	0.142	2.26	1.15	0.239	0.067	0.112	0.038	0.350	0.0738	4
5	0.0468	0.0398	0.0888	0.146	2.42	0.951	0.208	0.061	0.105	0.036	0.262	0.0788	5
6	0.048A	0.0388	0.0958	0.156	2.38	0.818	0.183	0.058	0.088	0.036	0.203	0.0728	6
7	0.046	0.0418	0.0978	0.182	2.35	0.741	0.161	0.051	0.084	0.034	0.168	0.0708	7
8	0.046	0.0438	0.094	0.182	2.11	0.658	0.161	0.058	0.083	0.034	0.147	0.0698	8
9	0.046	0.0468	0.132	0.173	1.73	0.575	0.217	0.058	0.067	0.034	0.128	0.0708	9
10	0.047	0.049	0.207	0.166	1.84	0.548	0.188	0.056	0.077	0.033	0.124	0.0768	10
11	0.051	0.046	0.246	0.162	1.71	0.489	0.172	0.106	0.201	0.032	0.138	0.0778	11
12	0.049	0.052	0.258	0.153	1.89	0.442	0.161	0.113	0.178	0.031	0.171	0.0808	12
13	0.049	0.051	0.241	0.151	2.32	0.400	0.153	0.089	0.128	0.031	0.157	0.0788	13
14	0.0438	0.057	0.210	0.155	2.48	0.361	0.213	0.058	0.096	0.035	0.147	0.0718	14
15	0.0418	0.063	0.187	0.178	2.58	0.488	0.183	0.043	0.077	0.042	0.186	0.0688	15
16	0.0438	0.076	0.178	0.206	3.10	0.444	0.163	0.034	0.072	0.043	0.620	0.0808	16
17	0.0488	0.084	0.173	0.262	3.07	0.443	0.176	0.029	0.118	0.047	0.675	0.0858	17
18	0.0488	0.084	0.169	0.333	2.81	0.503	0.156	0.028	0.122	0.061	0.525	0.0818	18
19	0.049	0.084	0.167	0.402	2.76	0.386	0.139	0.022	0.102	0.068	0.426	0.0678	19
20	0.047	0.082	0.166	0.476	3.15	0.354	0.136	0.019	0.087	0.066	0.372	0.0618	20
21	0.045	0.080	0.164	0.562	4.08	0.370	0.134	0.018	0.080	0.080	0.326A	0.0568	21
22	0.045	0.080	0.158	0.731	4.04	0.325	0.106	0.016	0.073	0.101	0.294	0.0298	22
23	0.044	0.072	0.156	0.860	4.10	0.381	0.102	0.013	0.065	0.091	0.287	0.0258	23
24	0.045	0.068	0.152	1.16	4.39	0.458	0.124	0.021	0.058	0.072	0.228	0.0208	24
25	0.046	0.0788	0.150	1.31	4.02	0.484	0.121	0.080	0.050	0.068	0.249	0.0338	25
26	0.046	0.0808	0.147	1.33	3.78	0.372	0.132	0.043	0.046	0.078	0.224	0.0438	26
27	0.049	0.0858	0.148	1.30	3.86	0.316	0.107	0.036	0.042	0.075	0.222	0.0418	27
28	0.050	0.0838	0.148	1.28	3.81	0.272	0.108	0.033	0.041	0.063	0.203	0.0428	28
29	0.051		0.148	1.80	3.62	0.249	0.110	0.031	0.035	0.058	0.189	0.0478	29
30	0.049		0.147	2.10	3.38	0.267	0.088	0.032	0.036	0.055	0.177	0.0508	30
31	0.048		0.147		3.73		0.073	0.026		0.063		0.0518	31
TOTAL	1.494	1.738	4.736	16.206	89.76	18.635	5.185	1.384	2.673	1.844	7.772	1.810	TOTAL
MEAN	0.047	0.062	0.152	0.540	2.88	0.618	0.167	0.042	0.089	0.053	0.259	0.058	MEAN
MAX	0.051	0.087	0.258	2.10	4.39	2.21	0.302	0.113	0.201	0.101	0.675	0.102	MAX
MIN	0.041	0.038	0.083	0.142	1.84	0.244	0.073	0.013	0.035	0.031	0.084	0.025	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.418
MAXIMUM DAILY, 4.39 ON MAY 24
MINIMUM DAILY, 0.013 ON AUG 23
MAXIMUM INSTANTANEOUS,
4.88 AT 20:37 PST ON MAY 24

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 04 15 N
LONG 119 40 00 W
DRAINAGE AREA, 31.3 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED SINCE 1973

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	126	JUL	446
FEB	150	AUG	113
MAR	408	SEP	231
APR	1 400	OCT	142
MAY	7 870	NOV	872
JUN	1 800	DEC	156

TOTAL DISCHARGE, 13 100 dam³

TESTALINDEN CREEK IN CANYON - STATION NO. 08NN184

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.011	0.015	0.023E	0.080	---	---	0.115	0.044	0.034	0.018	0.019	0.018	1
2	0.011	0.015	0.022E	0.080	---	---	0.137	0.042	0.040	0.018	0.026	0.018	2
3	0.011	0.014	0.025E	0.076	---	0.388A	0.108	0.040	0.036	0.017	0.027	0.018	3
4	0.011	0.013	0.025E	0.076	---	0.340	0.101	0.039	0.035A	0.017	0.020	0.014	4
5	0.012	0.013	0.024E	0.078	---	0.301	0.094	0.036	0.040E	0.017	0.019	0.017	5
6	0.011	0.015	0.023E	0.084	---	0.268	0.095	0.037	0.038E	0.017	0.020	0.015	6
7	0.011	0.013	0.027E	0.095	---	0.248	0.090	0.035	0.027E	0.017	0.018	0.014	7
8	0.012	0.013	0.037A	0.095	---	0.232	0.101	0.035	0.026E	0.017	0.017	0.015	8
9	0.011	0.013	0.048	0.100	---	0.226	0.091	0.033	0.028E	0.017	0.017	0.015	9
10	0.012	0.013	0.074	0.097	---	0.214	0.082	0.039	0.031E	0.016	0.026	0.015	10
11	0.012	0.013	0.068	0.095	---	0.187	0.078	0.072	0.026A	0.017	0.031	0.015	11
12	0.012	0.023	0.061	0.084A	---	0.172	0.076	0.043	0.023	0.017	0.022	0.014	12
13	0.012	0.017	0.053	---	---	0.161	0.075	0.037	0.023	0.016	0.021	0.015	13
14	0.012	0.015	0.055	---	---	0.153	0.073	0.035	0.022	0.018	0.023	0.015	14
15	0.012	0.014	0.053	---	---	0.206	0.070	0.033	0.021	0.018	0.037	0.015	15
16	0.011	0.016	0.051	---	---	0.185	0.067	0.032	0.021	0.018	0.041	0.015	16
17	0.011	0.020	0.052	---	---	0.165	0.064	0.031	0.021	0.017	0.036	0.0158	17
18	0.011	0.018	0.053	---	---	0.074	0.061	0.031	0.020	0.017	0.028	0.0158	18
19	0.012	0.018	0.052	---	---	0.073	0.061	0.030	0.020	0.017	0.026	0.0148	19
20	0.013	0.016	0.052	---	---	0.072	0.064	0.028	0.020	0.018	0.024	0.0138	20
21	0.013	0.016	0.054	---	---	0.088	0.060	0.027	0.020	0.016	0.022	0.0128	21
22	0.013	0.020	0.057	---	---	0.067	0.057	0.027	0.020	0.017	0.022	0.0118	22
23	0.012	0.038	0.063	---	---	0.077	0.055	0.028	0.020	0.016	0.021	0.0108	23
24	0.012	0.033	0.061	---	---	0.114	0.054	0.026	0.018	0.016	0.022	0.0108	24
25	0.012	0.030E	0.068	---	---	0.105	0.050	0.027	0.018	0.016	0.023	0.0118	25
26	0.018	0.028E	0.080	---	---	0.101	0.061	0.027	0.018	0.018	0.021	0.0128	26
27	0.047	0.027E	0.074	---	---	0.098	0.057	0.027	0.018	0.016	0.021	0.013	27
28	0.026	0.026E	0.062	---	---	0.093	0.055	0.027	0.018	0.018	0.021	0.013	28
29	0.020		0.062	---	---	0.102	0.052	0.026	0.018	0.016	0.018	0.013	29
30	0.017		0.064	---	---	0.101	0.049	0.026	0.018	0.018	0.015	0.013	30
31	0.016		0.078		---		0.048	0.024		0.015		0.013	31
TOTAL	0.438	0.523	1.630	---	---	---	2.341	1.044	0.733	0.512	0.703	0.435	TOTAL
MEAN	0.014	0.019	0.053	---	---	---	0.076	0.034	0.024	0.017	0.023	0.014	MEAN
MAX	0.047	0.038	0.084	---	---	---	0.137	0.072	0.040	0.018	0.041	0.018	MAX
MIN	0.011	0.013	0.022	---	---	---	0.048	0.024	0.018	0.015	0.015	0.010	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 0.010B ON DEC 23

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 07 17 N
LONG 118 38 53 W
DRAINAGE AREA, 13.0 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	37.8	JUL	202
FEB	45.2	AUG	90.2
MAR	141	SEP	63.3
APR	---	OCT	44.2
MAY	---	NOV	60.7
JUN	---	DEC	37.6

THEODOSIA RIVER NEAR BLISS LANDING - STATION NO. 08GC004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.87	2.53	3.07	8.33	4.81	2.84	3.89	2.41	1.97	1.33	8.22	3.60	1
2	8.66	2.23	2.49	8.85	3.98	2.54	7.34	2.91	3.11	1.24	17.6	3.36	2
3	7.54	2.08	2.12	6.27	3.96	2.08	5.33	2.76	2.84	1.23	---	2.85	3
4	7.29	1.86	1.92	4.72	3.63	1.72	4.20	2.22	2.33	1.64	---	2.73	4
5	7.89	1.72	1.76	4.06	3.53	1.68	3.53	2.07	1.91	1.60	8.06	2.56	5
6	5.26	1.77	1.85	3.89	3.58	1.86	3.15	1.97	2.70	1.48	7.74	2.43	6
7	---	2.19	2.42	4.00	6.94	2.06	3.11	1.88	2.67	1.30	7.03	2.36	7
8	---	1.83	---	3.46	6.03	2.80	2.82	1.83	2.18	1.18	5.90	2.56	8
9	12.0	2.53	---	3.06	4.17	4.84	2.66	1.75	1.81	1.10	5.46	2.70	9
10	---	5.26	19.8	2.86	3.32	6.81	2.95	1.87	3.31	1.06	7.26	2.53	10
11	---	---	11.3	2.72	3.40	3.86	---	1.83	3.47	1.01	---	2.86	11
12	20.2	---	7.44	2.56	3.77	2.76	---	1.80	2.63	0.986	---	3.56	12
13	13.2	---	6.62	2.53	4.28	2.25	---	1.85	2.13	0.948	---	4.74	13
14	6.01	15.6	9.96	2.45	4.76	2.26	13.0	1.48	1.92	0.911	12.2	4.12	14
15	4.28	12.0	6.16	2.54	3.42	3.92	8.59	1.44	1.78	0.882	---	3.46	15
16	3.36	12.3	5.80	2.67	3.28	3.14	5.42	1.37	1.95	0.896	---	3.09	16
17	3.71	16.8	4.81	3.35	4.36	8.81	4.36	1.38	1.89	1.50	---	2.80	17
18	---	13.1	3.97	3.96	4.71	8.48	3.76	1.33	1.71	1.66	---	2.57	18
19	17.7	6.82	3.64	4.33	4.06	7.46	3.44	1.34	1.59	2.68	10.2	2.44	19
20	6.85	14.8	3.32	4.37	4.84	3.85	3.02	1.14	1.47	5.70	8.56	1.908	20
21	5.16	8.87	3.06	4.58	4.42	2.84	3.58	1.05	1.38	---	4.78	1.708	21
22	3.88	10.3	2.83	3.72	4.50	2.58	3.00	1.04	1.28	---	4.48	1.558	22
23	3.25	---	3.61	3.70	5.09	3.31	2.73	1.01	1.24	4.95	4.24	1.408	23
24	5.72	---	3.84	6.18	5.21	13.2	2.54	0.984	1.21	3.58	7.18	1.358	24
25	8.70	11.6	2.96	7.00	6.47	13.2	2.46	0.935	1.16	5.46	9.83	1.308	25
26	17.3	6.83	2.83	5.19	3.53	6.32	3.23	0.898	1.86	---	8.86	1.288	26
27	10.0	5.47	3.08	4.15	3.27	4.13	15.2	0.846	2.22	---	9.13	1.268	27
28	6.67	3.90	3.83	4.33	4.57	3.33	6.78	1.63	1.73	5.34	6.30	1.258	28
29	3.86		7.89	5.19	8.04	3.18	3.73	2.44	1.61	3.78	4.67	1.258	29
30	3.37		10.5	5.20	6.75	4.14	3.03	2.02	1.47	9.31	4.10	2.358	30
31	3.03		6.76		3.45		2.86	1.70		8.86		4.008	31
TOTAL	---	---	---	130.29	134.13	132.61	---	60.203	60.71	---	---	77.73	TOTAL
MEAN	---	---	---	4.34	4.33	4.42	---	1.82	2.02	---	---	2.51	MEAN
MAX	---	---	---	8.85	8.84	13.2	---	2.91	3.47	---	---	4.74	MAX
MIN	---	---	---	2.45	3.27	1.72	---	0.846	1.16	---	---	1.25	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 0.846 ON AUG 27

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 05 34 N
LONG 124 37 22 W
DRAINAGE AREA, 140 km²

B - ICE CONDITIONS

REGULATED SINCE 1953

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	---
FEB	---	AUG	4 340
MAR	---	SEP	5 250
APR	11 300	OCT	---
MAY	11 800	NOV	---
JUN	11 500	DEC	8 720

THIRSK LAKE NEAR THE OUTLET - STATION NO. 08NM238

DAILY WATER LEVEL IN METRES FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	11.522	11.480	---	---	14.082	---	---	---	---	---	12.253	1
2	---	---	---	---	---	---	---	---	12.802	---	---	---	2
3	---	---	---	---	---	---	---	13.929	---	---	---	---	3
4	---	---	---	---	14.112	---	---	---	---	---	11.562	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	12.802	---	---	13.990	---	---	13.320	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	13.899	---	---	---	---	8
9	---	---	---	---	---	13.990	---	---	---	---	---	---	9
10	11.582	---	---	---	---	---	---	13.899	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	13.188	14.082	---	13.990	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	13.746	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	13.990	---	13.838	---	---	12.405	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	13.960	14.112	---	---	---	---	---	---	---	19
20	---	---	---	---	---	---	13.990	---	13.929	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	13.829	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	12.040	---	---	25
26	---	---	---	14.051	---	---	---	---	---	---	---	---	26
27	---	---	---	---	14.173	---	13.990	---	---	---	---	---	27
28	---	---	---	---	---	---	---	---	13.868	---	---	---	28
29	---		---	---	---	13.929	---	---	---	---	---	---	29
30	---		---	---	---	---	---	12.883	---	---	---	---	30
31	---		---		---		---	---		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 44 00 N
LONG 120 05 30 W
DATA CONTRIBUTED BY -
BRITISH COLUMBIA MINISTRY OF ENVIRONMENT

REGULATED

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

THOMPSON RIVER AT KAMLOOPS - STATION NO. 08LF023

DAILY WATER LEVEL IN METRES FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.438	3.310	3.584	3.847	5.057	7.388	6.332	5.811	4.584	4.030	4.183	3.822	1
2	3.404	3.300	3.556	3.886	5.112	7.550	6.388	5.786	4.578	3.992	4.884	3.884	2
3	3.387	3.293	3.552	3.858E	5.174	7.846	6.316	5.810	4.577	3.884	4.824	3.828	3
4	3.382	3.284	3.544	3.872	5.237	7.590	6.308	5.788	4.780	3.938	4.470	3.788	4
5	3.434	3.281	3.524	3.890	5.248	7.420	6.288	5.893	4.823	3.911	4.474	3.780	5
6	3.418	3.208	3.530	3.898	5.338	7.282	6.244	5.880	4.775	3.814	4.473	3.787	6
7	3.380	3.144	3.542	3.908	5.420	7.129	6.203	5.800	4.888	3.812	4.418	3.744	7
8	3.407	3.250	3.530	3.910	5.488	7.018	6.158	5.440	4.818	3.892	4.380	3.724	8
9	3.400	3.278	3.528	3.934	5.554	7.001	6.088	5.380	4.808	3.848	4.301	3.724	9
10	3.408	3.283	3.555	3.948	5.518	6.944	6.070	5.322	4.531	3.828	4.248	3.712	10
11	3.430	3.287	3.605	3.958	5.458	6.938	6.014	5.356	4.471	3.803	4.202	3.701	11
12	3.424	3.278	3.595	3.941	5.384	6.894	5.949	5.287	4.433	3.782	4.172	3.705	12
13	3.440	3.287	3.762	3.935	5.305	6.910	6.214	5.383	4.414	3.758	4.142	3.714	13
14	3.421	3.284	3.790	3.920	5.258	6.785	6.882	5.278	4.371	3.782	4.108	3.710	14
15	3.384	3.296	3.786	3.906	5.370	6.624	7.234	5.238	4.348	3.732	4.112	3.684	15
16	3.372	3.302	3.820	3.914	5.410	6.678	7.231	5.231	4.380	3.710	4.113	3.648	16
17	3.340	3.331	3.828	3.922	5.487	6.582	6.980	5.140	4.348	3.844	4.142	3.626	17
18	3.308	3.337	3.834	3.926	5.555	6.670	6.784	5.053	4.412	3.880	4.240	3.586	18
19	3.382	3.401	3.837	3.976	5.634	6.827	6.842	5.013	4.401	3.884	4.241	3.550E	19
20	3.374	3.313	3.821	4.048	5.652	6.884	6.372	4.938	4.328	3.886	4.233	3.532E	20
21	3.361	3.338	3.820	4.188	5.651	6.832	6.290	4.886	4.282	3.848	4.192	3.518E	21
22	3.318	3.368	3.808	4.284	5.747	6.804	6.252	4.778	4.234	3.852	4.142	3.501	22
23	3.333	3.368	3.804	4.508	5.857	6.840	6.192	4.728	4.200	3.858	4.130	3.491	23
24	3.331	3.382	3.800	4.588	5.848	6.823	6.184	4.648	4.178	3.844	4.078	3.570E	24
25	3.330	3.377	3.788	4.884	6.084	6.840	6.108	4.638	4.184E	3.848	4.084	3.630E	25
26	3.328	3.418	3.787	4.858	6.273	6.818	6.148	4.613	4.128	3.804	4.048	3.670E	26
27	3.323	3.423	3.812	4.898	6.410	6.440	6.150	4.588	4.102	3.888	4.037	3.740E	27
28	3.328	3.552	3.822	4.892	6.480	6.388	6.158	4.548	4.108	3.848	4.010	3.780	28
29	3.323		3.828	4.888	6.583	6.288	6.032	4.532	4.082	4.170	4.000	3.820E	29
30	3.318		3.831	5.024	6.808	6.281	5.982	4.521	4.031	4.102	3.958	3.848	30
31	3.312		3.836		7.108		5.882	4.538		4.074		3.882	31
MEAN	3.372	3.321	3.714	4.183	5.703	6.870	6.323	5.128	4.400	3.831	4.212	3.702	MEAN
MAX	3.440	3.552	3.836	5.024	7.108	7.846	7.234	5.811	4.823	4.170	4.584	3.822	MAX
MIN	3.308	3.184	3.524	3.847	5.057	6.281	5.882	4.521	4.031	3.844	3.958	3.491	MIN

SUMMARY FOR THE YEAR 1983

WATER LEVELS IN METRES

MEAN, 4.870
MAXIMUM DAILY, 7.846 ON JUN 3
MINIMUM DAILY, 3.184 ON FEB 7

TYPE OF GAUGE - MANUAL
LOCATION - LAT 50 40 53 N
LONG 120 20 56 W

E - ESTIMATED

NATURAL FLOW

DRAINAGE AREA,
37 800 km²

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 335.280 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

THOMPSON RIVER NEAR SPENCES BRIDGE - STATION NO. 08LF051

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	257	236	280	408	1 120	2 480	1 780	1 530	682	471	474	456	1
2	256	235	289	412	1 160	2 560	1 820	1 490	694	459	519	443	2
3	254	233	295	413	1 190	2 650	1 840	1 470	712	449	597	429	3
4	253	229	297	416	1 230	2 680	1 820	1 450	743	438	653	415	4
5	255	226	298	422	1 260	2 610	1 800	1 430	778	426	674	401	5
6	257	226	300	426	1 300	2 530	1 780	1 390	808	416	680	392	6
7	261	221	301	431	1 340	2 420	1 760	1 340	809	411	677	385	7
8	264	218	302	434	1 360	2 350	1 730	1 290	786	408	663	380	8
9	265	219	304	438	1 410	2 300	1 700	1 240	751	397	644	376	9
10	265	220	315	443	1 430	2 270	1 670	1 200	748	390	618	372	10
11	262	223	323	447	1 430	2 240	1 650	1 180	720	381	597	370	11
12	272	225	329	450	1 400	2 230	1 620	1 190	688	375	578	364	12
13	272	229	339	451	1 380	2 230	1 690	1 190	663	368	561	363	13
14	269	231	363	450	1 370	2 160	1 950	1 180	640	361	548	362	14
15	265	231	384	446	1 380	2 090	2 190	1 160	622	353	538	358	15
16	262	232	375	445	1 370	2 030	2 320	1 120	607	349	537	352	16
17	258	235	383	447	1 380	2 010	2 280	1 080	598	345	540	344	17
18	257	241	390	452	1 420	2 010	2 170	1 040	595	338	537	338	18
19	251	243	398	461	1 470	2 070	2 050	989	604	334	548	320	19
20	249	244	389	478	1 520	2 180	1 940	958	607	327	598	300	20
21	249	244	399	499	1 570	2 180	1 850	915	594	323	585	281	21
22	248	245	401	531	1 600	2 150	1 790	879	578	319	550	268	22
23	246	248	402	581	1 650	2 090	1 760	841	561	320	539	254	23
24	246	251	399	666	1 710	2 010	1 740	808	545	327	529	246	24
25	244	254	397	752	1 780	1 970	1 700	779	531	344	518	243	25
26	245	257	397	832	1 850	1 960	1 670	755	518	358	505	244	26
27	244	262	399	911	1 940	1 930	1 670	737	501	359	497	244	27
28	240	271	398	989	2 020	1 880	1 680	720	492	363	487	245	26
29	239		401	1 040	2 060	1 830	1 680	705	488	381	477	249	29
30	238		403	1 080	2 190	1 780	1 610	693	478	430	466	255	30
31	237		404		2 320		1 570	683		459		256	31
TOTAL	7 886	6 631	11 032	15 849	47 820	65 890	56 280	33 440	19 149	11 779	15 863	10 302	TOTAL
MEAN	254	237	356	555	1 540	2 200	1 810	1 080	638	380	582	332	MEAN
MAX	272	271	404	1 080	2 320	2 680	2 320	1 530	809	471	680	456	MAX
MIN	237	218	280	408	1 120	1 780	1 570	683	478	319	466	243	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 832
MAXIMUM DAILY, 2 680 ON JUN 4
MINIMUM DAILY, 218 ON FEB 8
MAXIMUM INSTANTANEOUS,
2 690 AT 06:22 PST ON JUN 4

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 21 25 N
LONG 121 23 38 W
DRAINAGE AREA, 54 900 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	681 000	JUL 4 850 000	
FEB	573 000	AUG 2 890 000	
MAR	953 000	SEP 1 650 000	
APR	1 440 000	OCT 1 020 000	
MAY	4 110 000	NOV 1 460 000	
JUN	5 690 000	DEC 890 000	

TOTAL DISCHARGE, 26 200 000 dam³

TOAD RIVER ABOVE WONDA CREEK - STATION NO 10BE004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	8 828	7.958	6.708	6.788	16.4	226	102	71.5	52.2	37.6	19.48	10.7 B	1
2	8.988	7.858	6.708	6.838	13.8	201	88.3	74.4	50.2	37.8	18.88	10.8 B	2
3	8.908	7.758	6.708	7.008	12.4	145	83.3	73.9	51.1	37.0	18.18	11.0 B	3
4	8.708	7.708	6.708	7.208	11.8	123	81.6	75.1	54.5	37.4	17.48	10.9 B	4
5	8.508	7.858	6.858	7.258	11.1	105	112	72.0	58.7	36.6	17.28	10.3 B	5
6	8.408	7.858	6.808	7.058	10.7	97.7	127	67.7	55.4	35.8	16.98	10.1 B	6
7	8.308	7.678	6.858	6.858	10.7	83.8	113	63.0	53.2	35.1	16.08	9.708	7
8	8.258	7.618	6.908	6.808	12.8	87.6	98.8	58.7	50.4	34.4	15.88	9.428	8
9	8.208	7.808	7.108	6.788	12.8	100	90.1	55.2	47.7	33.8	15.78	9.258	9
10	8.088	7.508	7.208	6.528	13.8	108	83.3	53.3	45.8	30.18	15.28	9.108	10
11	8.988	7.408	7.058	6.488	15.0	112	78.3	53.6	44.0	32.88	15.38	8.128	11
12	8.908	7.288	7.008	6.388	15.8	121	72.4	55.0	42.4	31.9	15.68	9.388	12
13	8.908	7.258	6.888	6.478	16.2	126	67.3	52.8	41.1	31.0	15.28	9.668	13
14	8.988	7.188	7.058	6.488	16.8	125	62.4	50.3	40.4	30.2	14.38	9.828	14
15	9.028	7.088	7.038	6.488	19.8	127	58.7	48.8	40.0	29.3	13.78	9.408	15
16	8.108	7.028	7.018	6.498	23.7	137	58.1	51.0	38.7	26.48	13.78	9.218	16
17	8.208	7.008	6.988	6.478	26.1	122	57.8	51.7	37.8	25.98	13.98	9.028	17
18	8.158	7.008	6.838	6.378	26.8	114	57.7	50.4	36.5	26.4	13.88	9.048	18
19	8.098	7.108	6.708	6.298	24.8	106	57.0	70.9	35.1	27.5	13.58	9.348	19
20	8.858	7.208	6.608	6.288	29.0	142	56.8	76.8	35.1	28.7	12.78	9.408	20
21	8.708	7.228	6.408	6.388	34.8	130	60.2	79.8	38.5	26.1	11.88	9.308	21
22	8.608	7.208	6.358	6.488	32.4	126	60.8	82.0	42.1	26.0	11.58	9.028	22
23	8.508	7.188	6.358	6.708	32.2	133	60.5	86.4	45.6	24.7	11.48	9.008	23
24	8.408	7.198	6.408	7.108	33.5	131	60.3	83.7	46.3	23.08	11.28	8.958	24
25	8.358	7.218	6.428	7.708	35.1	130	59.6	80.8	45.0	24.9	11.48	8.788	25
26	8.308	7.058	6.408	8.408	34.5	123	65.8	78.8	45.8	24.1	11.88	8.808	26
27	8.358	6.908	6.348	9.508	32.3	113	74.5	71.0	42.0	22.78	11.58	8.608	27
28	8.388	6.758	6.288	10 6 B	36.1	106	73.8	65.5	40.0	23.88	11.08	8.278	28
29	8.408		6.338	11 8 B	54.6	103	72.2	60.5	37.7	22.48	10.78	8.188	29
30	8.258		6.508	13.4 B	108	103	71.7	57.1	37.7	21.98	10.68	8.208	30
31	8.058		6.728		143		68.2	54.3	-	20.28		8.378	31
TOTAL	277.88	206.09	207.82	221.24	956.6	3 777.4	2 365.6	2 062.1	1 328.5	905.3	425.1	289.82	TOTAL
MEAN	8.96	7.32	6.70	7.37	30 9	126	76.3	66.2	44.3	29.2	14.2	9.35	MEAN
MAX	9.98	7.95	7.20	13.4	143	226	127	86.4	58.7	37.6	19.4	11.0	MAX
MIN	8.05	6 75	6.28	6 28	10 7	83.8	56.8	48.8	35.1	20.2	10.6	8.18	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 35.7
MAXIMUM DAILY, 226 ON JUN 1
MINIMUM DAILY, 6 288 ON MAR 28
MAXIMUM INSTANTANEOUS,
236 AT 08:47 PST ON JUN 1

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 51 20 N
LONG 125 22 50 W
DRAINAGE AREA, 2 570 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	24 000	JUL 204 000	
FEB	17 700	AUG 177 000	
MAR	17 900	SEP 118 000	
APR	18 100	OCT 78 200	
MAY	82 700	NOV 38 700	
JUN	338 000	DEC 25 000	

TOTAL DISCHARGE, 1 120 000 dam³

TOAD RIVER NEAR THE MOUTH - STATION NO. 10BE010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	19.7B	15.9B	13.0B	12.6B	41.0E	446E	257	250	151	89.8	55.5B	22.7B	1
2	19.9B	15.6B	12.8E	12.7B	39.5E	370E	260	239	144	90.4	50.3B	23.0B	2
3	19.7B	15.2B	12.7B	12.6B	36.9E	300E	254	225	145	89.5	49.4B	23.0B	3
4	19.0B	15.1B	12.6B	13.0B	34.3E	248E	252	221	149	92.3	46.8B	22.5B	4
5	18.6B	15.0B	12.5B	13.1B	32.4E	197E	248	211	143	90.4	46.5B	21.1B	5
6	18.8B	15.0B	12.7B	12.8B	30.6E	174E	282	202	138	88.9	43.0B	19.0B	6
7	18.4B	15.0B	12.9B	12.5B	31.0E	168E	272	189	138	87.3	40.5B	17.5B	7
8	18.3B	14.9B	13.1B	12.4B	35.0E	171A	248	178	130	85.6	40.1B	16.2B	8
9	18.1B	14.9B	13.3B	12.3B	36.3E	172	230	177	123	84.4	39.8B	15.0B	9
10	17.9B	14.7B	13.4B	12.3B	39.4E	197	218	183	117	79.0	37.9B	16.1B	10
11	17.8B	14.5B	13.2B	12.2B	43.1A	206	207	188	113	79.9	36.0B	16.4B	11
12	17.7B	14.3B	13.1B	12.2B	45.9E	218	191	188	109	80.6	36.1B	17.0B	12
13	17.6B	14.2B	13.0B	12.2B	48.0E	223	177	170	106	79.0	35.0B	17.1B	13
14	17.8B	14.0B	13.1B	12.3B	50.2E	221	165	158	103	78.2	32.4B	16.4B	14
15	17.9B	13.7B	13.3B	12.4B	53.8E	222	156	148	102	76.7	31.1B	14.9B	15
16	18.1B	13.6B	13.1B	12.4B	58.0E	237	161	147	100	73.5	31.6B	14.6B	16
17	18.1B	13.6B	12.9B	12.3B	66.0E	229	185	159	98.4	69.4	32.7B	14.5B	17
18	18.0B	13.6B	12.7B	12.2B	62.0E	224	189	171	98.0A	72.4	32.7B	15.1B	18
19	17.9B	13.9B	12.5B	12.1B	59.5E	413	172	168	97.0E	72.1	31.0B	15.4B	19
20	17.8B	14.0B	12.3B	12.0B	64.5E	384	181	176	95.0E	70.8	28.9B	15.5B	20
21	17.5B	14.0B	12.1B	12.1B	70.0E	315	209	184	94.0E	69.5	25.2B	14.7B	21
22	17.1B	13.8B	12.0B	12.3B	73.5E	298	218	190	89.0E	69.4	24.1B	13.5B	22
23	16.8B	13.8B	12.0B	12.9B	71.8E	297	208	202	106 E	68.4	24.4B	13.8B	23
24	16.7B	13.8B	12.1B	13.8B	73.7E	294	203	203	111 E	67.4	24.0B	13.0B	24
25	16.6B	13.7B	12.1B	16.8B	76.0E	288	204	200	113 E	66.2	24.7B	13.1B	25
26	16.5B	13.4B	12.0B	18.7B	73.0E	281	213	194	105 E	67.0	25.0B	12.8B	26
27	16.5B	13.2B	12.0B	22.0B	71.5E	267	274	184	98.5A	63.8	24.9B	12.0B	27
28	16.4B	13.1B	12.1B	25.9B	102 E	254	281	171	94.5	63.1	23.0B	11.7B	28
29	16.4B		12.2B	30.0B	180 E	251	267	161	90.8	63.9	22.0B	11.5B	29
30	16.2B		12.3B	36.2B	258 E	253	256	157	89.4	63.6	22.2B	11.5B	30
31	16.1B		12.5B		346 E		247	158		62.4		11.7B	31
TOTAL	549.7	399.8	391.6	447.5	2 302.8	7 795	6 873	5 751	3 401.6	2 355.0	1 021.0	492.9	TOTAL
MEAN	17.7	14.3	12.6	14.9	74.3	260	222	186	113	76.0	34.0	15.9	MEAN
MAX	19.9	15.9	13.4	36.2	346	446	282	250	151	92.3	55.5	23.0	MAX
MIN	16.1	13.1	12.0	12.0	30.6	168	156	147	89.4	62.4	22.0	11.5	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 87.1
MAXIMUM DAILY, 446E ON JUN 1
MINIMUM DAILY, 11.5B ON DEC 29

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 59 11 16 N
LONG 124 42 05 W
DRAINAGE AREA, 6 900 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	47 500	JUL	594 000
FEB	34 500	AUG	497 000
MAR	33 800	SEP	294 000
APR	36 700	OCT	203 000
MAY	199 000	NOV	88 200
JUN	673 000	DEC	42 800

TOTAL DISCHARGE, 2 750 000 dam³

TOBY CREEK NEAR ATHALMER - STATION NO. 08NA012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.70B	2.21B	2.17B	2.46B	7.05	61.7	35.5	33.2	19.9	5.80E	5.70	3.10B	1
2	2.65B	2.25B	2.14B	2.48B	7.29	57.0	30.9	36.0	20.8	5.80E	5.15	2.85B	2
3	2.70B	2.19B	2.15B	2.47B	7.65	63.6	29.6	34.6	17.9	5.70E	5.33	2.90B	3
4	2.75B	2.05B	2.14B	2.45B	8.11	53.7	28.8	29.8	15.4	5.61A	7.04	2.85B	4
5	2.78B	1.91B	2.14B	2.45B	8.15	43.3	32.5	28.3	14.1	5.28	6.02	2.90B	5
6	2.71B	1.93B	2.12B	2.48B	8.31	38.9	36.9	31.7	11.4	5.00	5.66	2.80B	6
7	2.74B	1.85B	2.12B	2.53A	8.67	50.5	46.8	31.8	12.6	4.81	5.33	2.70B	7
8	2.65B	1.98B	2.18B	2.51	8.91	57.1	40.0	33.4	10.5	4.66	5.13	2.81B	8
9	2.78B	2.00B	2.30B	2.40	8.86	59.3	33.6	33.2	9.92	4.83	4.86	2.84B	9
10	2.67B	2.03B	2.40B	2.44	8.31	49.8	28.6	32.3	9.17	4.73	4.80	3.00B	10
11	2.90B	2.08B	2.34B	2.46	8.30	40.0	34.2	35.7	8.86	4.75	4.71	2.95B	11
12	2.88B	2.13B	2.31B	2.49	8.25	31.6	105	36.3	8.45	4.58	4.75	3.00B	12
13	2.88B	2.20B	2.30B	2.49	8.86	28.2	88.5	26.5	8.16	4.80	4.74	3.10B	13
14	2.70B	2.16B	2.36B	2.54	9.87	31.8	69.0	29.0	9.23	4.83	4.56	3.05B	14
15	2.40B	2.12B	2.40B	2.68	10.1	39.5	45.9	28.0	8.42	4.83	4.77	2.95B	15
16	2.15B	2.12B	2.39B	2.73	10.2	37.8	36.3	25.0	7.96	4.83	4.73	2.75B	16
17	2.20B	2.10B	2.37B	2.85	10.6	43.3	32.0	25.1	7.96	4.92	4.66	2.65B	17
18	2.20B	2.11B	2.31B	3.15	12.1	42.5	29.9	23.9	7.38	4.87	4.61	2.65B	18
19	2.20B	2.10B	2.28B	3.80	11.9	31.6	31.9	20.5	6.97	4.45	4.51	2.31B	19
20	2.16B	2.11B	2.30B	3.83	12.4	26.4	38.5	20.9	6.76	4.39	4.37	2.20B	20
21	2.20B	2.12B	2.40B	4.25	17.1	23.2	32.3	18.6	6.63A	4.40	4.47	2.10B	21
22	2.23B	2.15B	2.44B	4.86	18.8	22.7	30.2	19.3	6.50E	4.60	4.37	2.11B	22
23	2.26B	2.18B	2.46B	5.63	24.3	27.8	31.6	18.6	6.37E	4.74	4.30B	2.11B	23
24	2.22B	2.21B	2.46B	8.86	31.8	44.4	33.3	24.2	6.24E	4.39	4.10B	2.00B	24
25	2.21B	2.24B	2.47B	11.4	40.5	36.8	36.2	22.4	6.11E	4.63	4.20B	2.03B	25
26	2.23B	2.21B	2.45B	8.94	46.9	28.1	35.5	18.5	6.00E	4.78	4.30B	2.20B	26
27	2.35B	2.19B	2.44B	7.89	49.4	29.5	28.9	18.3	6.15E	5.07	4.20B	2.25B	27
28	2.32B	2.17B	2.48B	6.97	56.7	33.8	25.1	20.0	6.30E	4.72	3.90B	2.18B	28
29	2.25B		2.44B	6.81	69.2	38.8	25.7	18.9	6.15E	4.80	3.70B	2.10B	29
30	2.20B		2.46B	7.15	76.5	46.8	26.3	18.6	6.00E	4.50	3.40B	2.20B	30
31	2.18B		2.47B		88.5		30.1	20.3		5.07		2.25B	31
TOTAL	76.83	59.20	72.17	125.75	884.22	1 222.3	1 189.8	820.2	284.28	149.67	142.40	79.87	TOTAL
MEAN	2.48	2.11	2.33	4.19	22.1	40.7	38.4	26.5	9.48	4.83	4.75	2.57	MEAN
MAX	2.90	2.25	2.48	11.4	76.5	63.6	105	36.3	20.8	5.80	7.04	3.10	MAX
MIN	2.15	1.91	2.12	2.40	7.05	22.7	25.1	18.3	6.00	4.39	3.40	2.00	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 13.4
MAXIMUM DAILY, 105 ON JUL 12
MINIMUM DAILY, 1.91B ON FEB 5
MAXIMUM INSTANTANEOUS,
143 AT 14:00 MST ON JUL 12

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 30 39 N
LONG 116 02 37 W
DRAINAGE AREA, 684 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	6 840	JUL	103 000
FEB	5 110	AUG	70 800
MAR	6 240	SEP	24 800
APR	10 900	OCT	12 800
MAY	69 100	NOV	12 300
JUN	108 000	DEC	6 880

TOTAL DISCHARGE, 425 000 dam³

TOD CREEK BELOW PROSPECT LAKE - STATION NO. 08NA054

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.276	0.094	0	0	0	0.007	---	---	---	1
2	---	---	---	0.276	0.092	0	0	0	0	---	---	---	2
3	---	---	---	0.245	0.090	0	0	0	0	---	---	---	3
4	---	---	---	0.224	0.084	0	0	0	0	---	---	---	4
5	---	---	---	0.211	0.082	0	0	0	0	---	---	---	5
6	---	---	---	0.201	0.079	0	0	0	0	---	---	---	6
7	---	---	---	0.201	0.075	0	0	0	0	---	---	---	7
8	---	---	---	0.180	0.070	0	0	0	0	---	---	---	8
9	---	---	---	0.167	0.079	0	0	0	0	---	---	---	9
10	---	---	---	0.180	0.079	0	0	0	0.018	---	---	---	10
11	---	---	---	0.173	0.073	0	0	0	0.002	---	---	---	11
12	---	---	---	0.159	0.086	0	0	0	0.002	---	---	---	12
13	---	---	---	0.153	0.082	0	0	0	0.006	---	---	---	13
14	---	---	---	0.149	0	0	0	0	0.003	---	---	---	14
15	---	---	0.602	0.139	0.001	0	0	0	0.006	---	---	---	15
16	---	---	---	0.121	0	0	0	0	0.003	---	---	---	16
17	---	---	---	0.117	0	0	0	0	0	---	---	---	17
18	---	---	---	0.113	0	0	0	0	0.038	---	---	---	18
19	---	---	---	0.113	0	0	0	0	0	---	---	---	19
20	---	---	---	0.106	0	0	0	0	0	---	---	---	20
21	---	---	---	0.102	0	0	0	0	0	---	---	---	21
22	---	---	---	0.097	0	0	0	0	0	---	---	---	22
23	---	---	---	0.095	0	0	0	0	0	---	---	---	23
24	---	---	---	0.121	0	0	0	0	0	---	---	---	24
25	---	---	---	0.109	0	0	0	0	0	---	---	---	25
26	---	---	---	0.109	0	0	0	0	0	---	---	---	26
27	---	---	---	0.108	0	0	0	0	0	---	---	---	27
28	---	---	---	0.102	0	0	0	0	0	---	---	---	28
29	---		---	0.099	0	0	0	0	0	---	---	---	29
30	---		---	0.097	0	0	0	0	0	---	---	---	30
31	---		---		0		0	0		---		---	31
TOTAL	---	---	---	4.544	1.027	0	0	0	0.086	---	---	---	TOTAL
MEAN	---	---	---	0.151	0.033	0	0	0	0.003	---	---	---	MEAN
MAX	---	---	---	0.276	0.094	0	0	0	0.038	---	---	---	MAX
MIN	---	---	---	0.095	0	0	0	0	0	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 0 ON MAY 14

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - MANUAL
LOCATION - LAT 48 31 39 N
LONG 123 26 16 W

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	---	SEP	7.43
APR	393	OCT	---
MAY	88.7	NOV	---
JUN	0	DEC	---

TRAIL CREEK AT FRENCH STREET, TRAIL - STATION NO. 08NE118

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	2.74	2.90	0.454	0.357	0.155	0.086	---	---	---	1
2	---	---	---	3.05	2.88	0.508	0.404	0.143	0.092	---	---	---	2
3	---	---	---	2.97	2.78	0.540	0.332	0.131	0.092	---	---	---	3
4	---	---	---	2.81	2.88	0.472	0.303	0.111	0.081	---	---	---	4
5	---	---	---	2.51	2.55	0.427	0.248	0.096	0.078	---	---	---	5
6	---	---	---	2.53	3.07	0.404	0.290	0.080	0.088	---	---	---	6
7	---	---	---	2.94	3.61	0.382	0.288	0.086	0.078	---	---	---	7
8	---	---	---	2.98	3.41	0.353	0.337	0.078	0.074	---	---	---	8
9	---	---	---	2.90	2.82	0.333	0.286	0.070	0.088	---	---	---	9
10	---	---	---	2.63	2.29	0.472	0.244	0.065	0.130	---	---	---	10
11	---	---	---	2.40	2.18	0.489	0.250	0.155	0.111	---	---	---	11
12	---	---	---	2.33	1.98	0.396	0.278	0.125	0.113	---	---	---	12
13	---	---	---	2.05	1.79	0.353	0.486	0.113	0.087	---	---	---	13
14	---	---	---	1.98	1.88	0.326	0.378	0.083	0.087	---	---	---	14
15	---	---	---	1.91	1.98	0.529	0.388	0.085	0.077	---	---	---	15
16	---	---	---	1.98	1.89	0.353	0.362	0.068	0.087	---	---	---	16
17	---	---	---	2.24	1.79	0.326	0.326	0.065	0.087	---	---	---	17
18	---	---	---	2.31	1.63	0.333	0.278	0.060	0.101	---	---	---	18
19	---	---	---	2.47	1.34	0.333	0.248	0.035	0.087	---	---	---	19
20	---	---	---	2.78	1.21	0.326	0.317	0.035	0.092	---	---	---	20
21	---	---	---	3.09	1.21	0.288	0.288	0.035	0.092	---	---	---	21
22	---	---	---	3.41	1.18	0.286	0.238	0.034	0.092	---	---	---	22
23	---	---	---	3.83	1.06	0.305	0.238	0.030	0.088	---	---	---	23
24	---	---	---	7.07	1.04	0.386	0.230	0.205	0.090	---	---	---	24
25	---	---	---	6.96	0.881	0.323	0.246	0.125	0.088	---	---	---	25
26	---	---	---	4.81	0.835	0.278	0.234	0.148	0.084	---	---	---	26
27	---	---	---	4.21	0.681	0.269	0.220	0.101	0.081	---	---	---	27
28	---	---	---	3.28	0.788	0.265	0.246	0.108	0.089	---	---	---	28
29	---		---	2.84	0.869	0.271	0.220	0.084	0.088	---	---	---	29
30	---		---	2.80	0.551	0.321	0.189	0.088	0.080	---	---	---	30
31	---		---		0.490		0.188	0.089		---		---	31
TOTAL	---	---	---	92.33	55.835	11.089	8.928	2.773	2.704	---	---	---	TOTAL
MEAN	---	---	---	3.08	1.80	0.370	0.288	0.089	0.090	---	---	---	MEAN
MAX	---	---	---	7.07	3.61	0.540	0.486	0.205	0.130	---	---	---	MAX
MIN	---	---	---	1.91	0.490	0.265	0.188	0.030	0.084	---	---	---	MIN

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 05 47 N
LONG 117 44 05 W
DRAINAGE AREA, 51.0 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	771
FEB	---	AUG	240
MAR	---	SEP	234
APR	7 980	OCT	---
MAY	4 820	NOV	---
JUN	958	DEC	---

TRAPPING CREEK NEAR THE MOUTH - STATION NO. 08NN019

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.2918	0.3268	0.618	1.96	8.22	10.4	2.23	0.858	0.613	0.262	0.570	0.2358	1
2	0.2888	0.3208	0.623	1.96	8.20	9.27	3.49	0.791	0.817	0.265	0.738	0.2198	2
3	0.2858	0.3108	0.737	1.93	7.45	7.02	3.45	0.731	0.687	0.264	0.895	0.2218	3
4	0.2828	0.2888	0.880	1.96	6.54	5.40	2.71	0.859	0.541	0.261	1.17	0.2148	4
5	0.2808	0.3718	0.828	2.07	6.93	4.84	2.31	0.807	0.540	0.251	0.879	0.2188	5
6	0.2788	0.3648	0.802	2.31	8.14	4.52	2.14	0.552	0.493	0.242	0.792	0.2138	6
7	0.2868	0.2718	0.841	3.11	9.26	4.72	2.05	0.500	0.431	0.245	0.709	0.2158	7
8	0.3008	0.2828	0.854	2.94	8.45	4.91	2.30	0.470	0.398	0.238	0.672	0.2188	8
9	0.3108	0.2958	1.32	2.80	8.97	4.64	2.71	0.437	0.394	0.233	0.653	0.2228	9
10	0.3178	0.3018	2.44	2.42	8.28	4.27	2.02	0.478	0.478	0.224	0.630	0.2288	10
11	0.3238	0.3038	2.64	2.18	8.10	3.97	1.91	1.10	0.785	0.215	0.812	0.2378	11
12	0.3218	0.3018	2.35	2.08	8.04	3.56	2.10	1.87	0.743	0.221	0.811	0.2428	12
13	0.3188	0.286	2.05	2.02	8.14	3.24	2.32	1.01	0.623	0.217	0.726	0.2488	13
14	0.2988	0.317	1.81	2.15	8.25	3.04	2.13	0.810	0.542	0.210	0.691	0.2488	14
15	0.2878	0.334	1.83	2.56	8.54	8.31	2.07	0.890	0.478	0.207	0.718	0.2418	15
16	0.2798	0.378	1.58	3.03	7.21	4.58	2.08	0.598	0.438	0.200	0.882	0.2328	16
17	0.3018	0.402	1.58	3.52	7.92	4.36	1.97	0.545	0.421	0.259	0.955	0.2228	17
18	0.3128	0.413	1.51	4.40	7.10	4.58	1.72	0.498	0.414	0.352	0.922	0.2108	18
19	0.3188	0.402	1.46	5.04	6.84	3.13	1.52	0.445	0.397	0.330	0.843	0.1988	19
20	0.3208	0.402	1.43	5.81	8.21	2.82	1.70	0.412	0.391	0.388	0.804	0.1868	20
21	0.3218	0.407	1.48	6.35	11.7	2.84	1.76	0.374	0.383	0.391	0.757	0.1778	21
22	0.3128	0.413	1.47	6.57	12.3	2.56	1.43	0.345	0.383	0.525	0.698A	0.1628	22
23	0.3028	0.484	1.53	7.80	12.9	2.49	1.28	0.324	0.337	0.547	0.698	0.1528	23
24	0.3068	0.685	1.57	12.2	13.9	2.91	1.18	0.300	0.314	0.401	0.711	0.1638	24
25	0.3208	0.828	1.65	13.6	13.7	2.82	1.12	0.333	0.295	0.404	0.691	0.1808	25
26	0.3308	0.704	1.69	8.96	12.7	2.45	1.35	0.342	0.283	0.433	0.676	0.1888	26
27	0.3348	0.629	1.74	8.31	13.5	2.25	1.10	0.343	0.279	0.393	0.653	0.1858	27
28	0.3298	0.618	1.75	7.38	14.4	2.20	1.17	0.421	0.282	0.352	0.600	0.1978	28
29	0.3188		1.75	7.08	15.0	2.34	1.21	0.380	0.284	0.336	0.598A	0.2138	29
30	0.3248		1.78	7.90	13.8	2.47	0.998	0.408	0.285	0.341	0.2808	0.2358	30
31	0.3288		1.87		11.9		0.912	0.358		0.515		0.2488	31
TOTAL	9.498	11.225	46.483	143.00	290.69	123.89	58.411	17.995	13.560	9.722	22.043	6.563	TOTAL
MEAN	0.306	0.401	1.50	4.77	9.38	4.13	1.88	0.580	0.451	0.314	0.735	0.212	MEAN
MAX	0.334	0.828	2.64	13.6	15.0	10.4	3.49	1.87	0.917	0.547	1.17	0.248	MAX
MIN	0.267	0.284	0.618	1.93	6.84	2.20	0.912	0.300	0.282	0.200	0.280	0.152	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.06
MAXIMUM DAILY, 15.0 ON MAY 25
MINIMUM DAILY, 0.1528 ON DEC 23
MAXIMUM INSTANTANEOUS,
15.1 AT 23:51 PST ON MAY 25

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 33 52 N
LONG 119 03 08 W
DRAINAGE AREA, 144 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	820	JUL	5 050
FEB	970	AUG	1 550
MAR	4 010	SEP	1 170
APR	12 400	OCT	840
MAY	25 100	NOV	1 900
JUN	10 700	DEC	567

TOTAL DISCHARGE, 65 100 dam³

TREPANIER CREEK NEAR PEACHLAND - STATION NO. 08NM041

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.297	0.889	6.00	7.03	1.30	0.888	0.487	0.415	0.414	0.3908	1
2	---	---	0.294	0.730	6.05	6.13	1.38	0.812	0.536	0.413	0.488	0.3808	2
3	---	---	0.287	0.899	5.99	5.04	1.31	0.574	0.489	0.410	0.554	0.3908	3
4	---	---	0.286	0.713	5.89	4.36	1.28	0.541	0.441	0.405	0.890	0.4108	4
5	---	---	0.283	0.762	6.19	3.95	1.20	0.507	0.456	0.399	0.818	0.4008	5
6	---	---	0.284	0.849	6.40	3.66	1.18	0.488	0.481	0.398	0.881	0.3808	6
7	---	---	0.305	0.982	6.47	3.48	1.16	0.480	0.438	0.398	0.952	0.3808	7
8	---	---	0.324	1.04	6.30	3.20	1.18	0.457	0.432	0.401	0.923	0.3858	8
9	---	---	0.410	1.00	5.72	3.03	1.21	0.441	0.444	0.398	0.931	0.4108	9
10	---	0.308A	0.529	0.984	5.43	2.75	1.13	0.489	0.535	0.395	0.941	0.3908	10
11	---	0.212	0.595	0.930	5.58	2.54	1.10	0.570	0.861	0.391	0.947	0.3708	11
12	---	0.214	0.584	0.888	5.67	2.39	1.20	0.504	0.573	0.391	0.929	0.3808	12
13	---	0.222	0.549	0.863	6.10	2.22	1.17	0.459	0.524	0.391	0.921	0.3808	13
14	---	0.218	0.528	0.910	6.54	2.07	1.11	0.438	0.483	0.390	0.585	0.4108	14
15	---	0.219	0.509	0.955	6.58	2.40	1.09	0.421	0.481	0.401	0.855	0.4108	15
16	---	0.226	0.500	1.10	7.12	2.23	1.14	0.418	0.444	0.404	0.729	0.3808	16
17	---	0.239	0.490	1.30	7.68	2.22	1.10	0.407	0.483	0.440	0.887	0.3708	17
18	---	0.256	0.489	1.57	7.21	2.19	1.02	0.408	0.481	0.531	0.818	0.3808	18
19	---	0.240	0.481	1.84	6.89	1.80	0.980	0.401	0.453	0.589	0.748	0.3808	19
20	---	0.241	0.472	2.45	7.71	1.78	0.999	0.390	0.450	0.583	0.719	0.3708	20
21	---	0.240	0.481	2.93	8.25	1.81	0.937	0.390	0.445	0.518	0.858	0.2808	21
22	---	0.243	0.488	3.35	8.38	1.68	0.887	0.385	0.441	0.455	0.821	0.2708	22
23	---	0.260	0.491	3.75	8.68	1.61	0.884	0.384	0.439	0.458	0.813	0.2508	23
24	---	0.272	0.488	4.65	8.73	1.65	0.830	0.381	0.424	0.429	0.829	0.2408	24
25	---	0.330	0.506	5.03	8.25	1.58	0.844	0.390	0.420	0.437	0.822	0.2808	25
26	---	0.333	0.508	4.72	8.81	1.49	0.831	0.403	0.418	0.428	0.808	0.3208	26
27	---	0.318	0.502	4.83	8.58	1.43	0.784	0.402	0.409	0.416	0.596	0.3108	27
28	---	0.306	0.584	4.58	8.65	1.38	0.772	0.412	0.404	0.408	0.588	0.3008	28
29	---		0.622	4.76	8.82	1.35	0.718	0.414	0.413	0.405	0.4808	0.2908	29
30	---		0.587	5.43	8.84	1.33	0.888	0.414	0.418	0.407	0.4158	0.3008	30
31	---		0.853		7.88		0.848	0.393		0.413		0.3308	31
TOTAL	---	---	14.585	85.109	236.05	79.89	31.972	14.017	13.902	13.284	18.018	10.835	TOTAL
MEAN	---	---	0.470	2.17	7.29	2.66	1.03	0.452	0.463	0.428	0.601	0.350	MEAN
MAX	---	---	0.887	5.43	8.73	7.03	1.38	0.888	0.841	0.583	0.887	0.410	MAX
MIN	---	---	0.283	0.889	5.43	1.33	0.848	0.381	0.404	0.390	0.414	0.240	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 8.73 ON MAY 24

MAXIMUM INSTANTANEOUS,
10.4 AT 22:05 PST ON MAY 23

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 49 33 N
LONG 119 47 13 W
DRAINAGE AREA, 179 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED SINCE 1969

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	2 780
FEB	---	AUG	1 210
MAR	1 280	SEP	1 200
APR	5 830	OCT	1 150
MAY	18 500	NOV	1 660
JUN	6 900	DEC	938

TRINITY CREEK ABOVE DIVERSION - STATION NO. 08LC068

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	1.27	3.02	2.33	0.422	0.218	0.083	---	---	---	1
2	---	---	---	1.45	2.90	2.06	0.549	0.204	0.258	---	---	---	2
3	---	---	---	1.50	2.90	1.86	0.488	0.158	0.170	---	---	---	3
4	---	---	---	1.44	2.70	1.60	0.419	0.158	0.144	---	---	---	4
5	---	---	---	1.40	2.62	1.39	0.378	0.154	0.071	---	---	---	5
6	---	---	---	1.39	2.66	1.22	0.348	0.154	0.162	---	---	---	6
7	---	---	---	1.51	2.92	1.16	0.380	0.138	0.156	---	---	---	7
8	---	---	---	1.61	3.27	1.09	0.345	0.134	0.136	---	---	---	8
9	---	---	---	1.46	2.90	1.06	0.580	0.132	0.150	---	---	---	9
10	---	---	---	1.43	2.58	0.988	0.380	0.133	0.138	---	---	---	10
11	---	---	---	1.31	2.36	0.903	0.389	0.242	0.300	---	---	---	11
12	---	---	---	1.18	2.22	0.815	0.488	0.158	0.274	---	---	---	12
13	---	---	---	1.06	2.18	0.765	0.703	0.126	0.218	---	---	---	13
14	---	---	---	0.997	2.21	0.700	0.553	0.110	0.218	---	---	---	14
15	---	---	---	0.983	2.16	0.822	0.482	0.104	0.178	---	---	---	15
16	---	---	---	1.00	2.21	0.777	0.482	0.088	0.160	---	---	---	16
17	---	---	---	1.07	2.38	0.783	0.416	0.084	0.154	---	---	---	17
18	---	---	---	1.22	2.28	1.04	0.375	0.082	0.138	---	---	---	18
19	---	---	---	1.40	2.18	0.882	0.335	0.058	0.134	---	---	---	19
20	---	---	---	1.52	2.08	0.875	0.328	0.089	0.118	---	---	---	20
21	---	---	---	1.75	2.47	0.857	0.303	0.081	0.114	---	---	---	21
22	---	---	---	1.81	2.44	0.759	0.285	0.081	0.110	---	---	---	22
23	---	---	---	2.00	2.55	0.679	0.268	0.089	0.109	---	---	---	23
24	---	---	---	2.33	2.65	0.689	0.252	0.057	0.108	---	---	---	24
25	---	---	---	3.80	2.76	0.672	0.303	0.118	0.101	---	---	---	25
26	---	---	---	4.85	2.85	0.586	0.385	0.075	0.090	---	---	---	26
27	---	---	---	4.21	2.64	0.532	0.303	0.074	0.088	---	---	---	27
28	---	---	---	3.38	3.60	0.485	0.305	0.074	0.082	---	---	---	28
29	---		---	2.88	2.75	0.452	0.280	0.085	0.075	---	---	---	29
30	---		---	2.93	2.75	0.504	0.236	0.093	0.075	---	---	---	30
31	---		---		2.80		0.216	0.078		---	---	---	31
TOTAL	---	---	---	58.220	78.54	29.289	11.815	3.540	4.308	---	---	---	TOTAL
MEAN	---	---	---	1.87	2.57	0.976	0.384	0.114	0.144	---	---	---	MEAN
MAX	---	---	---	4.85	3.27	2.33	0.703	0.242	0.300	---	---	---	MAX
MIN	---	---	---	0.983	2.08	0.452	0.216	0.057	0.071	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 4.85 ON APR 26

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - MANUAL
LOCATION - LAT 50 24 50 N
LONG 118 56 00 W
DRAINAGE AREA, 42.9 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 030
FEB	---	AUG	306
MAR	---	SEP	372
APR	4 860	OCT	---
MAY	6 570	NOV	---
JUN	2 530	DEC	---

TROUT RIVER AT KILOMETRE 783.7 ALASKA HIGHWAY - STATION NO. 10BE007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.608	3.858	4.108	5.608	6.65E	46.7	27.7	18.8	18.1	12.9	8.108	8.208	1
2	7.458	3.798	4.128	5.658	6.35E	43.7	26.2	18.1	17.7	12.7	8.058	8.218	2
3	7.208	3.768	4.218	5.758	6.20E	38.8	25.0	18.3	18.0	12.6	8.038	8.258	3
4	6.948	3.758	4.308	5.928	6.45E	36.6	24.3	18.2	17.8	13.6	8.008	8.248	4
5	6.658	3.788	4.268	5.998	6.20E	34.9	26.1	15.6	17.8	13.3	7.938	8.178	5
6	6.308	3.818	4.258	5.958	6.21E	34.5	28.2	15.5	17.8	13.1	7.668	8.058	6
7	6.008	3.888	4.258	5.888	6.37E	38.1	28.6	15.3	17.5	12.7	7.408	8.038	7
8	5.758	3.888	4.458	5.838	6.42E	39.3	29.0	15.0	17.0	12.5	7.228	8.018	8
9	5.588	3.838	4.628	5.728	6.25E	39.4	28.8	14.8	16.4	12.5	7.108	8.028	9
10	5.458	3.808	4.688	5.688	6.25E	40.2	27.9	15.2	15.9	12.5	7.008	8.068	10
11	5.308	3.818	4.588	5.858	6.40E	39.8	27.1	15.1	15.8	11.8	7.008	8.058	11
12	5.188	3.868	4.448	5.888	6.73A	38.8	26.7	14.9	16.2	11.6	7.028	8.008	12
13	5.038	3.918	4.488	5.818	6.30	38.7	26.1	14.4	15.8	11.2	6.948	8.028	13
14	4.958	3.908	4.608	5.858	5.87	37.5	24.4	14.2	15.5	10.7	6.748	7.958	14
15	4.858	3.858	4.788	5.808	5.70	36.5	22.8	14.0	15.1	10.8	6.728	7.788	15
16	4.828	3.838	4.828	5.958	5.90	35.7	21.8	13.8	14.8	10.2	6.738	7.708	16
17	4.818	3.858	4.808	6.108	6.16	33.7	20.9	15.0	14.4	9.82	6.748	7.718	17
18	4.808	3.838	4.788	5.978	6.15	33.6	20.5	14.9	14.3	9.88	6.768	7.788	18
19	4.808	4.128	4.728	5.928	5.85	45.3	19.8	15.1	13.8	9.50	6.708	7.808	19
20	4.688	4.218	4.658	5.948	10.2	41.6	19.2	17.7	13.1	9.85	6.658	7.728	20
21	4.558	4.248	4.668	6.178	12.8	38.0	19.0	19.0	13.2	9.79	6.478	7.588	21
22	4.408	4.218	4.688	6.808	11.3	38.6	18.3	20.2	12.7	9.70	6.448	7.588	22
23	4.288	4.208	4.758	8.338	11.0	35.8	18.0	21.2	13.0	9.44	6.428	7.608	23
24	4.180	4.238	4.838	9.258	11.4	33.8	17.8	21.7	13.3	9.41	6.408	7.518	24
25	4.058	4.188	4.838	9.238	11.4	33.9	17.8	21.7	13.3	9.35	6.408	7.478	25
26	4.058	4.108	4.928	8.288	11.2	32.7	17.7	21.5	13.3	9.13	6.458	7.388	26
27	4.068	4.068	4.948	8.858	10.7	31.2	17.6	21.0	13.1	8.97	6.508	7.268	27
28	4.088	4.088	4.998	8.988	11.6	29.8	17.3	20.3	12.7	8.91	6.408	7.158	28
29	4.038		5.018	7.308	16.7	29.0	17.0	19.6	12.7	8.84	6.358	7.088	29
30	4.008		5.198	6.908	29.2	28.2	16.5	19.0	12.8	8.62	6.258	7.048	30
31	3.958		5.458		42.8		16.5	18.6		8.51		7.028	31
TOTAL	159.75	110.89	144.32	182.41	308.86	1 103.9	694.3	529.8	452.7	334.62	208.48	177.73	TOTAL
MEAN	5.15	3.95	4.66	6.08	9.96	36.8	22.4	17.1	15.1	10.8	6.95	5.73	MEAN
MAX	7.60	4.24	5.45	7.30	42.8	46.7	29.0	21.7	18.1	13.8	8.10	8.26	MAX
MIN	3.95	3.75	4.10	5.60	5.70	28.2	16.5	13.8	12.7	8.51	6.25	5.02	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 12.1
MAXIMUM DAILY, 46.7 ON JUN 1
MINIMUM DAILY, 3.758 ON FEB 4
MAXIMUM INSTANTANEOUS,
51.0 AT 22 49 PST ON MAY 31

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 59 20 07 N
LONG 125 56 11 W
DRAINAGE AREA, 1 150 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	13 800	JUL	60 000
FEB	9 580	AUG	45 800
MAR	12 500	SEP	38 100
APR	15 800	OCT	28 900
MAY	26 700	NOV	18 000
JUN	95 400	DEC	15 400

TOTAL DISCHARGE, 381 000 dam³

TSABLE RIVER NEAR FANNY BAY - STATION NO. 08HB024

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.93	4.49	5.98	5.81E	8.93	7.92	5.30E	1.70	0.630	0.410	5.57	3.71	1
2	3.77	3.73	5.04	5.30E	7.20	7.63	5.57	1.75	0.581	0.390	23.7	3.16	2
3	4.73	3.36	4.27	4.52E	6.53	8.72	5.00E	1.54	0.784	0.400	29.5	2.59	3
4	6.12	2.99	3.92	4.79E	6.41	8.85	4.53	1.60	1.37	0.425	30.0 E	2.78	4
5	6.24	2.74	4.09	4.50E	8.05	8.50	3.70E	1.17	1.30	0.440	17.0 E	2.48	5
6	6.24	2.73	5.00	4.33E	5.88	8.41	3.42	1.15	1.25	0.400	20.1	2.24	6
7	7.01	5.04	11.0	4.21E	7.34	7.03	3.85	1.13	1.07	0.380	10.9	2.14	7
8	11.5	4.82	34.2	4.40E	6.30	8.14	4.50E	1.10	1.11	0.360	7.01	2.49	8
9	33.3	4.51	27.3	4.38E	6.86	9.44	4.30E	1.09	1.08	0.340	4.97	3.34	9
10	29.7	8.00E	21.6	3.99E	5.02	10.0 E	4.12	1.11	3.60	0.328	38.2	3.30	10
11	37.7	155	21.0	3.74E	4.93	7.27	12.6	1.13	2.90 E	0.320	58.1	3.67	11
12	36.4	80.0 E	28.7	3.49E	5.71	7.10E	14.3	0.884	2.40	0.308	34.0 E	6.29	12
13	35.4	41.8	27.7	4.01	6.55	7.00E	11.8	0.860E	1.73	0.292	25.2	11.0	13
14	34.2	49.6	21.0	3.06	8.48	7.00E	8.93	0.780E	1.25	0.280	102	7.27	14
15	11.0	14.6	11.0	3.06	5.54	8.89	5.42	0.732	1.07	0.264	136	6.22	15
16	5.93	15.6	7.38	2.93	5.14	5.86	4.67	0.700	2.60	0.476	57.5	4.40	16
17	10.2	45.5	6.00	2.74	8.46	5.84	4.18	0.860E	2.22	0.440	47.5	3.81	17
18	11.0	21.5	4.64	3.90	6.82	8.55	3.60	0.630	1.84	0.435	20.3	2.74	18
19	13.3	21.4	3.73	5.52	7.48	5.67	3.73	0.500	1.89	2.76	16.4	2.45B	19
20	11.0	15.6	3.50	6.53	8.53	5.06	3.52	0.484	1.25 E	4.12	11.0	2.25B	20
21	10.6	10.7	3.42	6.05	8.84	4.49	3.14	0.458	0.820	6.24	8.21	2.10B	21
22	10.0	13.8	3.12	5.95	8.39	4.40	2.89	0.452	0.748	16.8	6.60	2.00B	22
23	16.2	10.2	3.03	5.76	10.0	4.45	2.80E	0.446	0.679	9.56	5.81	1.90B	23
24	15.6	9.76	3.03	7.34	11.6	4.53	2.67	0.440	0.602	5.33	8.17	1.80B	24
25	16.6	8.93	2.93	7.58	10.8	4.82	2.38	0.444	0.804	8.84	7.15	1.70B	25
26	19.6	10.6	2.78	7.27	10.4	4.86	2.32	0.443	0.886	13.6	8.84	1.65B	26
27	15.6	8.96	2.75E	6.58	10.2	4.71	2.60	0.442	0.830	13.3	8.71	1.60B	27
28	11.6	8.96	2.90E	6.12	9.88	4.53	2.40E	0.630E	0.524	10.6	7.27	1.55B	28
29	7.20		3.83E	6.34	18.2	5.40	1.94	0.756	0.458	8.52	5.09	1.50B	29
30	5.78		4.75E	7.13	12.6	5.10E	1.82	0.581	0.435	7.86	4.49	1.60B	30
31	4.82		5.59E		9.86		1.72	0.700		7.20		10.9	31
TOTAL	453.17	605.92	297.18	151.73	248.28	188.87	143.12	26.472	38.301	122.118	765.09	108.84	TOTAL
MEAN	14.6	21.6	9.59	5.06	8.01	6.30	4.62	0.854	1.28	3.94	25.5	3.45	MEAN
MAX	37.7	155	34.2	7.58	18.2	10.0	14.3	1.75	3.60	16.8	136	11.0	MAX
MIN	2.93	2.74	2.75	2.74	4.86	4.40	1.72	0.440	0.435	0.264	4.49	1.50	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.62
MAXIMUM DAILY, 155 ON FEB 11
MINIMUM DAILY, 0.264 ON OCT 15

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 31 03 N
LONG 124 50 30 W
DRAINAGE AREA, 113 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	39 200	JUL	12 400
FEB	52 400	AUG	2 280
MAR	25 700	SEP	3 310
APR	13 100	OCT	10 600
MAY	21 500	NOV	66 100
JUN	16 300	DEC	9 230

TOTAL DISCHARGE, 272 000 dam³

TSILCOH RIVER NEAR THE MOUTH - STATION NO. 08JE004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.820B	0.458B	0.425B	0.880B	14.7	0.703	1.43	1.78	0.453	0.711	1.20	0.720B	1
2	0.800B	0.457B	0.420B	0.920B	13.0	0.648	1.53	1.58	0.415	0.709	1.19	0.710B	2
3	0.760B	0.456B	0.418B	0.975B	11.4	0.600	1.67	2.00	0.402	0.696	1.31	0.695B	3
4	0.740B	0.455B	0.418B	1.02 B	9.87	0.608	2.38	3.05	0.402	0.700	1.45	0.680B	4
5	0.700B	0.455B	0.418B	1.05 B	8.88	0.637	3.37	2.94	0.381	0.776	1.47	0.660B	5
6	0.665B	0.453B	0.422B	1.15 B	7.58	0.604	3.50	2.47	0.393	0.807	1.48	0.645B	6
7	0.645B	0.450B	0.425B	1.22 B	6.68	0.585	4.85	2.20	0.410	0.829	1.48	0.635B	7
8	0.620B	0.448B	0.432B	1.30 B	6.21	0.603	7.53	1.91	0.525	0.818	1.39 B	0.630B	8
9	0.600B	0.446B	0.440B	1.40 B	6.09	0.626	7.98	1.70	0.528	0.816	1.34 B	0.620B	9
10	0.570B	0.445B	0.450B	1.50 B	6.04	0.613	7.00	1.54	0.518	0.810	1.29 B	0.610B	10
11	0.560B	0.440B	0.460B	1.60 B	5.74	0.600	6.12	1.35	0.558	0.800	1.24 B	0.605B	11
12	0.545B	0.440B	0.470B	1.72 B	5.25	0.578	5.66	1.18	0.530	0.775	1.20 B	0.595B	12
13	0.528B	0.440B	0.482B	1.90 B	4.63	0.591	5.47	1.01	0.518	0.762	1.16 B	0.585B	13
14	0.520B	0.440B	0.500B	2.10 B	3.99	0.585	5.67	0.884	0.575	0.751	1.12 B	0.580B	14
15	0.510B	0.440B	0.518B	2.60 B	3.59	0.548	7.99	0.821	0.676	0.715	1.09 B	0.575B	15
16	0.505B	0.438B	0.525B	3.20 B	3.22	0.530	9.64	0.823	0.703	0.704	1.05 B	0.565B	16
17	0.498B	0.438B	0.550B	9.31	2.81	0.497	9.71	0.803	0.851	0.703	1.03 B	0.560B	17
18	0.490B	0.440B	0.560B	11.3	2.51	0.476	8.75	0.770	0.902	0.699	0.995B	0.555B	18
19	0.485B	0.440B	0.580B	13.3	2.30	0.506	7.42	0.766	0.890	0.765	0.975B	0.550B	19
20	0.480B	0.440B	0.600B	15.2	2.14	0.748	6.49	0.723	0.877	0.948	0.940B	0.545B	20
21	0.478B	0.438B	0.618B	17.0	2.00	0.834	8.17	0.656	0.857	1.05	0.910B	0.540B	21
22	0.478B	0.438B	0.640B	18.7	1.88	0.795	7.80	0.818	0.823	1.21	0.885B	0.535B	22
23	0.474B	0.437B	0.650B	20.0	1.74	0.732	6.74	0.578	0.788	1.34	0.860B	0.530B	23
24	0.472B	0.440B	0.680B	21.2	1.58	0.741	5.90	0.567	0.738	1.39	0.840B	0.525B	24
25	0.468B	0.438B	0.700B	21.8	1.43	0.822	5.05	0.526	0.739	1.40	0.820B	0.520B	25
26	0.485B	0.435B	0.720B	22.3	1.26	0.930	4.28	0.471	0.742	1.38	0.800B	0.515B	26
27	0.462B	0.430B	0.748B	22.2	1.08	0.861	3.47	0.480	0.748	1.30	0.785B	0.510B	27
28	0.452B	0.428B	0.770B	20.9	0.955	1.00	2.80	0.438	0.788	1.27	0.770B	0.505B	28
29	0.452B		0.790B	19.0	0.877	0.927	2.54	0.415	0.761	1.22	0.760B	0.500B	29
30	0.452B		0.828B	16.6	0.830	1.06	2.25	0.414	0.733	1.23	0.735B	0.495B	30
31	0.460B		0.850B		0.779		2.02	0.465		1.22		0.490B	31
TOTAL	17.182	12.403	17.900	273.195	140.802	30.720	185.84	35.885	19.252	29.284	32.535	17.946	TOTAL
MEAN	0.554	0.443	0.585	9.11	4.54	0.691	5.36	1.18	0.642	0.945	1.08	0.580	MEAN
MAX	0.820	0.458	0.850	22.3	14.7	1.06	9.64	3.05	0.902	1.40	1.48	0.720	MAX
MIN	0.460	0.428	0.418	0.880	0.779	0.476	1.43	0.414	0.381	0.698	0.735	0.490	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.14
MAXIMUM DAILY, 22.3 ON APR 26
MINIMUM DAILY, 0.381 ON SEP 5
MAXIMUM INSTANTANEOUS,
22.5 AT 14:55 PST ON APR 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 36 38 N
LONG 124 14 40 W
DRAINAGE AREA, 414 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 480	JUL	14 300
FEB	1 070	AUG	3 100
MAR	1 510	SEP	1 880
APR	23 600	OCT	2 530
MAY	12 200	NOV	2 810
JUN	1 790	DEC	1 550

TOTAL DISCHARGE, 87 600 dam³

TSITIKA RIVER BELOW CATHERINE CREEK - STATION NO. 08HF004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	6.70E	12.5	14.6	18.0 E	23.9	18.9	17.7	6.36	5.08	3.51	17.1	8.79	1
2	28.0 E	11.0	12.2	25.0 E	21.6	16.3	22.0	6.70	4.64	3.29	53.7	8.05	2
3	24.0 E	10.1	10.5	21.0 E	20.8	14.5	17.3	8.89	4.67	3.62	85.2	7.29	3
4	20.0 E	9.32	9.33	18.0 E	19.0	12.3	14.7	7.30	4.58	4.96	57.1	6.56	4
5	18.5 A	8.51	8.46	16.0 E	17.6	13.5	14.4	6.16	4.38	4.67	36.2	6.02	5
6	13.6	8.16	7.87	13.0 E	16.7	14.9	13.0	5.44	12.5	4.15	87.2	5.30	6
7	82.3	8.85	7.82	11.5 E	16.6	15.0	14.1	5.02	13.9	3.69	43.5	5.06	7
8	89.4	8.26	23.5	10.0 E	14.5	17.3	12.1	5.01	10.8	3.44	25.3	5.32	8
9	61.9	7.82	160	9.00E	12.2	22.5	10.8	5.50	7.95	3.60	18.1	5.68	9
10	111	7.62	57.4	8.50E	11.8	48.2	10.7	5.07	16.1	3.47	25.0	5.33	10
11	118	208	33.7	8.00E	13.4	27.1	61.4	4.89	19.5	3.26	129	21.0	11
12	86.3	180	24.8	7.50E	15.7	18.3	82.5	4.68	14.3	3.17	74.4	27.8	12
13	51.0	92.4	24.8	7.20A	17.4	14.4	33.7	4.45	11.4	3.05	44.4	40.8	13
14	27.6	51.4	19.8	7.13	17.3	13.8	71.2	4.29	11.0	2.95	27.2	26.2	14
15	19.5	43.4	17.5	7.35	13.8	15.1	38.8	4.09	8.80	2.85	137	15.9	15
16	16.1	29.9	14.3 A	8.59	13.3	14.6	20.4	3.88	10.1	2.98	95.4	11.6	16
17	19.1	47.3	12.4 A	10.4	15.7	18.3	15.8	3.75	11.4	6.92	59.1	9.23	17
18	106	59.0	11.5 E	14.8	18.1	26.2	13.4	3.69	9.89	6.86	51.7	7.65	18
19	86.4	33.8	10.5 E	16.3	19.1	18.8	12.1	3.46	7.84	34.3	29.6	6.53	19
20	36.6	32.3	9.80E	16.1	25.5	15.6	11.2	3.30	6.41	28.9	19.1	4.80	20
21	22.9	23.8	9.50E	17.2	22.3	12.8	9.55	3.17	5.28	71.6	14.9	4.23	21
22	17.2	23.1	9.00E	14.3	21.9	11.3	8.27	3.14	4.78	79.1	12.6	3.78	22
23	14.6	53.4	8.50E	15.6	25.9	16.7	7.56	3.13	4.37	35.3	11.8	3.45	23
24	17.7	84.9	8.20E	21.7	26.5	21.5	7.13	3.07	3.87	21.0	13.9	3.508	24
25	38.7	37.4	8.10E	25.8	24.7	19.0	7.51	3.00	3.64	29.3	14.5	3.508	25
26	52.4	23.4	8.00E	31.5	19.1	24.7	8.86	2.89	5.13	157	18.2	3.508	26
27	56.8	21.5	8.50E	22.5	19.1	18.4	13.6	2.85	5.93	79.2	20.9	3.408	27
28	30.3	17.3	11.0 E	21.5	26.4	15.0	11.3	8.17	4.86	28.8	15.7	3.408	28
29	19.9		13.0 E	25.5	36.8	16.1	8.63	12.6	4.18	17.3	12.4	4.208	29
30	15.8		28.0 E	25.3	31.2	20.7	7.25	8.21	3.72	17.5	10.3	22.2	30
31	13.6		25.0 E		21.3		6.76	6.33		20.7		26.0	31
TOTAL	1 337.90	1 134.24	627.68	474.47	619.6	545.6	583.52	158.47	240.80	690.44	1 225.6	315.79	TOTAL
MEAN	43.2	40.5	20.2	15.8	20.0	18.2	18.8	5.11	8.03	22.3	40.9	10.2	MEAN
MAX	118	208	160	31.5	36.8	48.2	71.2	12.6	19.5	157	137	40.8	MAX
MIN	6.70	7.62	7.82	7.13	11.8	11.3	6.76	2.85	3.64	2.85	10.3	3.40	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 21.8
MAXIMUM DAILY, 208 ON FEB 11
MINIMUM DAILY, 2.85 ON AUG 27
MAXIMUM INSTANTANEOUS,
373 AT 19:52 PST ON FEB 11

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 26 13 N
LONG 126 34 27 W
DRAINAGE AREA, 380 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	116 000	JUL	50 400
FEB	98 000	AUG	13 700
MAR	54 200	SEP	20 800
APR	41 000	OCT	59 700
MAY	53 500	NOV	106 000
JUN	47 100	DEC	27 300

TOTAL DISCHARGE, 688 000 dam³

TSOLUM RIVER NEAR COURTENAY - STATION NO. 08HB011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	8.20E	13.5 E	11.7	23.4	7.54	4.49	4.78	1.11	1.42	0.958	3.88	10.1	1
2	8.70E	11.8 E	9.33	27.7	6.22	3.81	7.82	1.03	1.28	0.943	7.76	7.83	2
3	8.80E	9.68E	7.71	17.3	5.26	3.02	6.22	0.939	1.06	0.890	44.3	6.22	3
4	8.90E	8.17E	6.48	12.1	5.28	2.85	4.31	0.897	0.973	0.884	39.6	5.33	4
5	8.70E	7.37E	5.58	9.42	4.99	3.33	3.22	0.833	0.853	0.936	24.5	4.80	5
6	8.80E	7.29E	8.23	7.99	4.66	3.14	2.48	0.784	0.809	0.980	26.3	4.58	6
7	13.0 E	7.03E	28.0	7.37	5.08	2.87	2.01	0.715	0.862	1.01	35.5	4.04	7
8	29.0 E	6.45E	55.1	6.55	4.65	3.28	1.74	0.685	0.885	0.946	19.6	3.41	8
9	16.0 E	7.18E	181	5.98	3.72	3.74	1.75	0.644	0.871	0.871	12.8	8.28	9
10	25.0 E	19.1 E	71.8	5.63	3.48	5.13	1.68	0.631	2.59	0.850	20.6	8.73	10
11	48.0 E	180 A	44.4	5.18	4.20	3.10	2.18	0.825	5.53	0.892	76.5	6.78	11
12	52.0 E	154	40.0	5.28	4.66	2.88	4.32	0.582	3.73	0.806	105	11.9	12
13	35.0 E	74.1	58.5	4.71	4.89	3.32	3.69	0.566	2.63	0.922	74.3	20.2	13
14	17.8 A	48.7	89.8	4.18	4.76	2.35	3.32	0.524	2.13	0.887	70.4	24.1	14
15	12.9	38.4	35.0	4.01	3.63	2.62	2.89	0.501	1.78	0.878	91.0	20.7	15
16	10.0	38.8	21.4	4.03	3.64	2.43	2.16	0.470	1.53	0.883	183	13.1	16
17	9.44	87.7	15.0	4.43	3.70	2.84	1.78	0.471	1.43	0.840	73.5	8.42	17
18	80.0	57.7	11.1	4.88	4.36	3.16	1.63	0.459	1.40	0.802	85.7	7.02	18
19	79.8	46.6	8.89	5.13	4.95	3.78	1.49	0.427	1.48	0.851	59.5	5.51	19
20	37.3	47.8	7.19	5.80	6.69	2.89	2.80	0.414	1.33	1.08	40.5	4.41	20
21	22.7	30.1	6.50	5.67	5.89	2.24	2.78	0.402	1.24	1.41	28.0	3.70 B	21
22	18.1	53.7	5.78	4.61	5.98	2.03	2.10	0.375	1.17	28.2	18.7	1.80 B	22
23	14.2	88.8	5.86	5.02	6.82	2.30	1.84	0.382	1.12	12.6	14.4	1.20 B	23
24	39.8	58.1 A	7.80	8.75	6.39	2.39	1.46	0.388	1.03	8.73	14.7	0.770B	24
25	61.0	39.0 E	8.15	7.54	5.30	2.06	1.33	0.382	0.980	4.96	83.9	0.880B	25
26	89.7	30.3 E	5.41	8.14	4.48	2.23	1.44	0.337	1.00	5.71	37.4	0.870B	26
27	83.6	23.4 E	6.03	8.25	4.21	2.27	1.34	0.319	0.983	9.32	33.7	0.970B	27
28	40.8 A	18.1 A	8.18	6.89	5.69	1.98	1.32	0.373	0.984	8.89	29.9	1.08 B	28
29	24.3 E		37.0	7.04	7.12	2.01	1.38	1.58	1.03	6.04	19.2	1.08 B	29
30	17.8 E		45.4	7.47	5.85	3.78	1.33	1.81	0.978	4.88	13.2	1.08 B	30
31	15.8 E		28.1		4.78		1.20	1.58		4.33		1.80 B	31
TOTAL	952.54	1 208.25	829.02	240.50	159.06	84.31	79.47	21.132	45.098	109.517	1 347.94	211.150	TOTAL
MEAN	30.7	43.2	26.7	8.02	5.13	2.81	2.56	0.682	1.50	3.53	44.9	6.81	MEAN
MAX	89.7	180	181	27.7	7.54	6.13	7.82	1.81	5.53	28.2	183	34.1	MAX
MIN	8.20	6.45	5.41	4.01	3.48	1.98	1.20	0.319	0.809	0.850	3.88	0.770	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 14.5
MAXIMUM DAILY, 180A ON FEB 11
MINIMUM DAILY, 0.319 ON AUG 27
MAXIMUM INSTANTANEOUS,
235 AT 21:03 PST ON FEB 11

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 42 28 N
LONG 125 00 41 W
DRAINAGE AREA, 258 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1984

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	82 300	JUL	6 870
FEB	104 000	AUG	1 830
MAR	71 800	SEP	3 800
APR	20 800	OCT	9 480
MAY	13 700	NOV	116 000
JUN	7 280	DEC	18 200

TOTAL DISCHARGE, 456 000 dam³

TULAMEEN RIVER AT PRINCETON - STATION NO. 08NL024

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.60B	3.95B	5.65	9.78	83.3	116	15.4	6.67	3.31	2.88	4.97	2.70B	1
2	3.30B	3.60B	5.58	9.75	85.9	96.3	21.2	6.35	4.51	2.88	4.88	1.75B	2
3	4.20B	3.30B	5.55	9.58	84.1	79.4	16.6	6.00	4.25	2.88	10.5	1.60B	3
4	5.00B	3.25B	5.61	9.80	83.9	66.6	15.3	5.65	3.80	3.02	17.3	2.10B	4
5	5.20B	3.45B	5.36	9.65	88.5	59.5	13.6	5.24	3.80	3.83	11.5	2.80B	5
6	5.40B	3.70B	5.53	10.2	74.9	56.7	12.6	4.92	3.38	3.33	8.78	2.89B	6
7	5.70B	3.95B	5.44	10.7	86.8	57.5	11.7	4.63	3.26	3.15	7.44	2.78B	7
8	6.30B	4.25B	5.37	10.8	80.1	55.7	11.0	4.46	3.23	3.13	6.64	2.80B	8
9	7.00B	4.60B	5.83	10.9	81.7	51.6	10.5	4.30	3.13	3.18	6.10	2.50B	9
10	8.00B	4.50B	7.68	10.9	47.9	55.3	9.61	4.22	3.28	3.08	5.75	2.50B	10
11	9.70B	4.00B	8.86	10.6	49.7	47.1	9.81	4.74	5.81	3.02	5.58	2.75B	11
12	11.5 B	4.05B	8.90	10.7	52.3	37.5	32.6	5.43	5.63	2.99	5.78	3.30B	12
13	9.80B	4.25B	9.22	10.3	57.9	31.9	29.8	4.87	4.59	2.96	5.53	3.18B	13
14	7.30B	4.40B	9.42	10.4	65.1	29.5	49.8	4.29	3.98	2.83	5.31	3.08B	14
15	6.00B	4.35B	9.29	10.9	55.8	31.0	38.1	3.96	3.66	2.82	5.41	3.09B	15
16	6.30B	4.25B	8.98	12.2	59.7	26.8	29.4	3.78	3.45	2.82	8.48	2.85B	16
17	6.41B	4.28	8.95	13.8	60.6	31.6	27.8	3.63	3.50	2.79	9.28	2.60B	17
18	6.41B	4.62	8.90	17.1	61.5	30.3	22.6	3.50	3.46	2.84	8.08	2.30B	18
19	6.40B	4.37	8.80	22.1	67.6	25.4	18.7	3.41	3.41	2.88	7.30	2.00B	19
20	6.30B	4.34	8.78	28.2	92.8	22.6	17.3	3.28	3.31	2.94	6.87	1.78B	20
21	6.00B	4.34	8.87	32.9	121	20.9	17.2	3.19	3.25	3.24	8.50	1.53B	21
22	5.75B	4.49	8.88	36.0	121	20.3	14.3	3.08	3.22	4.60	6.09	1.35B	22
23	5.50B	4.80	8.90	41.9	128	21.9	12.7	3.00	3.14	6.20	5.90	1.30B	23
24	5.15B	5.35	8.82	57.1	133	25.6	11.8	2.94	3.03	4.68	5.85	1.42B	24
25	4.90B	5.58	8.77	80.7	138	20.9	10.8	2.90	2.97	4.21	5.87	1.88B	25
26	4.95B	5.51	8.77	50.9	131	18.9	10.4	2.89	2.92	4.60	5.88	2.20B	26
27	4.90B	5.50	8.95	46.4	124	20.0	9.59	2.88	2.88	4.66	5.61	2.40B	27
28	4.60B	5.50	8.89	45.4	130	17.7	9.10	2.90	3.15	4.62	5.49	2.58B	28
29	4.30B		8.90	49.1	152	16.6	8.36	2.99	2.97	4.17	5.11	2.80B	29
30	4.20B		9.71	60.2	157	17.7	7.85	3.08	2.91	3.96	4.88	3.00B	30
31	4.05B		9.88		138		7.09	3.06		4.20		3.15B	31
TOTAL	183.62	122.53	247.01	728.98	2 727.9	1 211.8	535.41	126.19	107.14	109.17	208.40	74.81	TOTAL
MEAN	5.92	4.38	7.97	24.3	88.0	40.4	17.3	4.07	3.57	3.52	6.95	2.41	MEAN
MAX	11.5	5.58	9.88	157	116	49.8	49.8	6.67	5.63	6.20	17.3	3.30	MAX
MIN	2.60	3.25	5.36	9.58	47.9	17.7	7.09	2.86	2.91	2.79	4.88	1.30	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 17.5
MAXIMUM DAILY, 157 ON MAY 30
MINIMUM DAILY, 1.30B ON DEC 23
MAXIMUM INSTANTANEOUS,
187 AT 23:20 PST ON MAY 29

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 27 27 N
LONG 120 31 05 W
DRAINAGE AREA, 1 760 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	15 900	JUL	46 300
FEB	10 600	AUG	10 900
MAR	21 300	SEP	9 250
APR	63 000	OCT	9 430
MAY	236 000	NOV	18 000
JUN	105 000	DEC	6 460

TOTAL DISCHARGE, 552 000 dam³

TULAMEEN RIVER BELOW VUICH CREEK - STATION NO. 08NL071

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.930B	1.07 B	1.40	2.06	17.6	35.0 E	6.60E	2.90 E	0.899	0.680E	1.44A	0.780B	1
2	1.06 B	0.900B	1.38	2.00	18.1	29.0 E	7.60E	2.65 E	1.44	0.700E	1.84	0.660B	2
3	1.22 B	0.750B	1.37	1.97	17.3	26.0 E	8.00E	2.45 E	1.20	0.760E	6.35	0.610B	3
4	1.40 B	0.640B	1.36	1.92	17.8	23.0 E	7.40E	2.30 E	1.10	0.900E	7.11	0.800B	4
5	1.53 B	0.700B	1.38	1.98	20.0	21.0 E	6.80E	2.10 E	1.03	0.950E	4.31	1.28 B	5
6	1.58 B	0.850B	1.41	2.23	21.5	20.0 E	6.30E	1.95 E	0.924	0.900E	3.44	1.31 B	6
7	1.65 B	1.00 B	1.37	2.26	20.1	19.5 E	5.80E	1.80 E	0.910	0.860E	2.83	1.28 B	7
8	1.95 B	1.15 B	1.37	2.19	17.7	18.8 E	5.50E	1.70 E	0.838	0.840E	2.42	1.25 B	8
9	2.50 B	1.27 B	1.78	2.14	15.1	18.7 E	5.00E	1.55 E	0.793	0.830E	2.22	1.21 B	9
10	3.00 B	1.12 B	2.38	2.08	14.6	18.8 E	4.80E	1.42 E	1.18	0.820E	2.08	1.27 B	10
11	3.30 B	1.00 B	2.53	2.02	15.8	16.0 E	4.80E	1.90 E	2.22	0.800E	2.17	1.32 B	11
12	3.70 B	1.02 B	2.40	1.98	16.9	13.0 E	12.0 E	2.70 E	1.59	0.780E	2.25	1.48 B	12
13	2.70 B	1.08 B	2.41	1.98	19.8	11.3 E	11.5 E	2.30 E	1.22	0.750E	2.05	1.41 B	13
14	2.20 B	1.12 B	2.32	2.05	22.0	11.1 A	19.5 E	1.50 E	1.08	0.740E	1.95	1.36 B	14
15	2.00 B	1.11 B	2.25	2.41	19.9A	13.6 A	18.0 E	1.30 E	0.992	0.730E	2.38	1.37 B	15
16	2.15 B	1.11 B	2.14	3.23	19.8E	10.3 A	13.5 E	1.20 E	0.957	0.720E	4.03	1.32 B	16
17	2.20 B	1.13 B	2.12	4.10	19.8E	14.7 A	11.8 E	1.12 A	0.993	0.720E	3.62	1.20 B	17
18	2.22 B	1.22 B	2.12	5.43	20.0E	12.7 A	10.0 E	1.03	0.977	0.740E	3.13	1.00 B	18
19	2.22 B	1.20 B	2.10	7.32	20.6E	11.1 A	8.76A	1.00	0.960	0.780E	2.59	0.780B	19
20	2.00 B	1.13 B	2.14	9.41	27.0E	10.1 A	8.63	0.938	0.878	0.860E	2.55	0.800B	20
21	2.15 B	1.14 B	2.15	10.7	33.0E	9.38A	8.42	0.878	0.854	1.10 E	2.37	0.500B	21
22	2.00 B	1.17 B	2.13	11.4	35.0E	9.10A	6.83	0.815	0.825	1.70 E	2.12	0.440B	22
23	1.90 B	1.26	2.09	13.8	37.0E	9.78A	5.98A	0.765	0.774	2.80 E	2.05	0.420B	23
24	1.78 B	1.40	2.05	17.1	39.7A	8.80E	5.40E	0.733	0.757	1.50 E	2.01	0.480B	24
25	1.72 B	1.42	2.04	18.5	34.0E	8.20E	5.00E	0.721	0.723	0.960E	1.98	0.680B	25
26	1.76 B	1.42	2.03	13.6	34.0E	7.60E	4.60E	0.695	0.681	1.40 E	1.84	0.880B	26
27	1.78 B	1.41	2.03	12.6	36.0E	7.80E	4.30E	0.687	0.673	1.50 E	1.83	0.980B	27
28	1.40 B	1.39	2.02	13.4	40.0E	7.20E	3.90E	0.722	0.682	1.42 E	1.73	1.08 B	28
29	1.20 B		2.07	15.0	50.0E	7.40E	3.70E	0.758	0.686	1.30 E	1.48	1.17 B	29
30	1.12 B		2.20	17.1	50.0E	7.00E	3.40E	0.787	0.680E	1.01 E	1.20B	1.24 B	30
31	1.10 B		2.13		43.0E		3.15E	0.809		1.15 E		1.30 B	31
TOTAL	59.440	31.180	60.66	201.94	813.2	435.54	234.75	44.194	29.454	31.700	79.35	31.480	TOTAL
MEAN	1.92	1.11	1.96	6.73	26.2	14.5	7.57	1.43	0.982	1.02	2.65	1.02	MEAN
MAX	3.70	1.42	2.53	17.1	50.0	35.0	19.5	2.90	2.22	2.80	7.11	1.48	MAX
MIN	0.930	0.640	1.36	1.92	14.6	7.00	3.15	0.687	0.680	0.680	1.20	0.420	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.82
MAXIMUM DAILY, 50.0E ON MAY 29
MINIMUM DAILY, 0.420B ON DEC 23

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 27 56 N
LONG 120 58 36 W
DRAINAGE AREA, 256 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	5 140	JUL	20 300
FEB	2 690	AUG	3 820
MAR	5 240	SEP	2 540
APR	17 400	OCT	2 740
MAY	70 300	NOV	6 860
JUN	37 800	DEC	2 720

TOTAL DISCHARGE, 177 000 dam³

TURNAGAIN RIVER ABOVE SANDPILE CREEK - STATION NO. 10BA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	19.0B	15.4B	15.9B	16.0B	36.5	596	180	117	100	86.3	47.5B	23.3B	1
2	18.7B	15.0B	15.3B	16.8B	39.2	563	175	120	97.8	91.0	45.5B	22.1B	2
3	18.1B	15.0B	15.0B	16.9B	42.6	425	184	118	106	91.2	44.0B	22.0B	3
4	18.1B	15.9B	14.7B	17.0B	43.5	376	193	121	123	91.8	44.0B	21.5B	4
5	18.0B	16.2B	14.3B	16.9B	43.5	315	206	116	139	90.5	43.5B	20.5B	5
6	17.8B	16.1B	14.1B	16.4B	44.0	272	224	105	141	87.5	40.5B	19.5B	6
7	17.1B	15.6B	14.0B	16.1B	46.2	250	205	104	137	85.0	39.0B	18.5B	7
8	16.8B	15.3B	14.2B	16.2B	49.1	242	193	96.7	133	82.4	38.8B	17.8B	8
9	16.3B	15.0B	14.8B	16.3B	52.8	235	185	93.7	127	80.2	38.0B	17.7B	9
10	16.2B	14.9B	15.2B	16.3B	56.5	263	176	88.7	121	74.8	37.8B	17.8B	10
11	16.1B	15.0B	15.9B	16.3B	60.7	276	168	85.3	116	73.9	37.5B	17.6B	11
12	16.2B	15.5B	15.9B	16.7B	67.8	278	157	82.9	112	73.7	37.2B	17.6B	12
13	16.5B	15.5B	15.8B	17.4B	76.8	283	146	81.9	111	72.5	36.0B	17.5B	13
14	16.8B	15.3B	15.6B	18.4B	84.0	245	137	79.9	113	70.6	36.0B	16.8B	14
15	17.2B	14.9B	15.5B	19.5B	95.6	240	128	79.7	112	68.4	35.8B	16.0B	15
16	17.5B	14.8B	15.2B	20.3B	109	270	122	98.5	109	64.3	35.2B	15.1B	16
17	17.7B	14.9B	15.2B	20.3B	114	245	118	119	106	61.2	34.2B	15.0B	17
16	17.8B	15.2B	15.0B	20.5B	111	225	113	127	102	63.0	33.2B	16.0B	18
19	17.8B	15.3B	14.8B	21.0B	97.7	252	106	127	97.5	62.6	31.0B	14.9B	19
20	17.2B	15.3B	14.7B	22.0B	100	273	103	132	93.9	61.5	29.5B	14.8B	20
21	16.9B	15.3B	14.4B	23.8B	146	354	100	131	95.0	60.4	28.5B	14.8B	21
22	16.5B	15.5B	14.1B	25.0B	147	345	109	135	100	59.5	28.0B	14.8B	22
23	15.9B	15.7B	14.0B	25.8B	139	342	110	138	107	58.2	27.5B	15.0B	23
24	15.2B	15.8B	14.0B	26.6B	133	234	105	134	106	55.8	26.8B	14.9B	24
25	15.1B	15.9B	14.5B	26.0B	129	228	98.8	133	106	54.9	25.2B	14.5B	25
26	15.1B	15.5B	14.8B	29.8B	123	215	98.4	129	104	53.9	24.8B	14.0B	26
27	15.2B	15.0B	15.0B	30.5B	111	198	111	124	99.6	52.1	24.4B	13.5B	27
28	15.8B	15.4B	15.1B	31.0B	108	184	117	121	93.4	51.4	24.1B	13.5B	28
29	15.9B		15.1B	32.6	151	173	116	115	89.3	51.0	23.1B	13.5B	29
30	15.9B		15.1B	33.6	310	178	124	109	86.7	51.2	22.5B	13.6B	30
31	15.8B		15.4B		516		118	105		50.0B		13.7B	31
TOTAL	520.5	430.2	462.7	644.0	3 382.2	8 255	4 429.2	3 473.3	3 287.2	2 130.8	1 019.1	515.8	TOTAL
MEAN	16.8	15.4	14.9	21.5	109	275	143	112	110	68.7	34.0	16.6	MEAN
MAX	19.0	16.2	15.9	33.6	516	596	224	136	141	91.8	47.5	23.3	MAX
MIN	15.1	14.8	14.0	16.0	35.5	173	98.4	79.7	86.7	50.0	22.5	13.5	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 78.2
MAXIMUM DAILY, 596 ON JUN 1
MINIMUM DAILY, 13.5B ON DEC 27
MAXIMUM INSTANTANEOUS,
610 AT 16:04 PST ON JUN 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 59 03 52 N
LONG 127 50 41 W
DRAINAGE AREA, 8 580 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	65 000	JUL	383 000
FEB	37 200	AUG	300 000
MAR	40 000	SEP	284 000
APR	55 800	OCT	184 000
MAY	292 000	NOV	88 100
JUN	713 000	DEC	44 500

TOTAL DISCHARGE, 2 470 000 dam³

TUTSHI RIVER AT OUTLET OF TUTSHI LAKE - STATION NO. 09AA013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.65B	3.58B	3.03B	2.76B	2.65	29.0	42.7	27.0	21.5	14.9	11.6	5.35B	1
2	5.50B	3.50B	3.00B	2.73B	2.80	34.7	42.9	26.5	21.5	14.5	11.5	5.40B	2
3	5.40B	3.42B	2.97B	2.72B	2.86	40.3	42.8	26.1	22.0	14.7	11.3	5.45B	3
4	5.30B	3.40B	2.93B	2.70B	2.95	43.0	42.8	26.1	22.4	14.8	11.2	5.50B	4
5	5.20B	3.39B	2.90B	2.69B	3.08	44.0	43.3	26.1	22.7	14.8	11.0	5.47B	5
6	5.00B	3.37B	2.95B	2.68B	3.27	44.5	43.4	25.4	23.0	15.1	10.6	5.35B	6
7	4.80B	3.35B	2.94B	2.68B	3.55	43.5	42.7	24.8	22.5	15.6	9.77	5.20B	7
8	4.70B	3.35B	3.00B	2.67B	4.00	43.1	42.6	24.6	22.3	15.4	9.96	5.10B	8
9	4.60B	3.33B	3.00B	2.65B	4.56	42.6	41.5	24.3	21.9	15.1	9.07	4.95B	9
10	4.50B	3.30B	3.02B	2.63B	5.33	42.0	40.5	23.9	21.5	15.0	8.49	4.80B	10
11	4.45B	3.28B	2.99B	2.65B	6.20	41.8	39.1	23.0	21.0	15.0	7.80	4.86B	11
12	4.35B	3.27B	2.95B	2.68B	7.14	41.5	37.8	23.0	20.6	14.6	7.55A	4.63B	12
13	4.30B	3.25B	2.92B	2.67B	8.09	40.3	36.1	23.2	20.3	14.2	7.45B	4.85B	13
14	4.30B	3.22B	2.94B	2.65B	9.15	39.3	34.8	22.9	20.0	14.1	7.30B	4.90B	14
15	4.30B	3.20B	2.95B	2.63B	10.2	38.8	33.5	22.7	19.6	13.9	7.20B	5.00B	15
16	4.30B	3.20B	2.97B	2.61B	11.5	38.7	32.1	22.4	19.0	13.6	7.00B	4.90B	16
17	4.28B	3.22B	2.92B	2.60B	12.8	38.6	31.1	22.2	18.5	13.6	6.90B	4.80B	17
18	4.25B	3.20B	2.88B	2.58B	13.6	39.0	30.7	21.8	17.9	13.6	6.75B	4.70B	18
19	4.22B	3.18B	2.87B	2.55B	14.2	39.3	29.8	21.7	17.6	13.6	6.65B	4.70B	19
20	4.20B	3.20B	2.89B	2.52B	15.4	40.3	29.3	22.0	17.2	13.6	6.50B	4.60B	20
21	4.10B	3.18B	2.88B	2.50E	16.2	41.6	28.7	21.8	16.9	13.3	6.40B	4.45B	21
22	4.00B	3.17B	2.87B	2.48E	16.7	42.0	28.0	21.5	16.7	13.4	6.30B	4.40B	22
23	3.90B	3.15B	2.86B	2.48E	17.1	42.2	28.7	21.6	16.4	13.2	6.20B	4.35B	23
24	3.85B	3.12B	2.85B	2.40E	17.6	42.3	26.0	21.6	16.2	13.0	6.09B	4.30B	24
25	3.80B	3.10B	2.83B	2.35E	18.4	42.6	27.8	21.9	16.1	13.0	6.00B	4.20B	25
26	3.76B	3.10B	2.81B	2.31E	18.6	43.4	27.4	22.0	15.9	12.9	5.90B	4.20B	26
27	3.74B	3.10B	2.82B	2.29E	18.7	44.1	27.3	22.2	15.4	12.5	5.80B	4.25B	27
28	3.70B	3.06B	2.82B	2.30E	18.8	43.6	27.5	22.1	15.0	12.4	5.65B	4.15B	28
29	3.70B		2.80B	2.36	19.2	43.2	27.5	21.9	15.0	12.3	5.50B	4.10B	29
30	3.67B		2.79B	2.62	21.0	42.8	27.2	22.1	14.9	12.2	5.40B	4.10B	30
31	3.62B		2.76B		24.5		26.9	21.8		11.8		4.05B	31
TOTAL	135.24	91.21	90.18	77.02	350.18	1 232.0	1 085.5	722.1	571.5	439.6	234.83	147.50	TOTAL
MEAN	4.37	3.26	2.91	2.67	11.3	41.1	34.4	23.3	19.1	13.9	7.83	4.76	MEAN
MAX	5.65	3.58	3.03	2.75	24.5	44.5	43.4	27.0	23.0	15.6	11.6	5.50	MAX
MIN	2.62	3.06	2.76	2.29	2.65	29.0	26.9	21.5	14.9	11.8	5.40	4.05	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 14.1
MAXIMUM DAILY, 44.5 ON JUN 6
MINIMUM DAILY, 2.29E ON APR 27
MAXIMUM INSTANTANEOUS,
45.6 AT 15:52 PST ON JUN 6

TYPE OF GAUGE - RECORDING
LOCATION - LAT 59 56 48 N
LONG 134 19 29 W
DRAINAGE AREA, 829 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	11 700	JUL	92 100
FEB	7 880	AUG	82 400
MAR	7 730	SEP	49 400
APR	5 550	OCT	37 100
MAY	30 300	NOV	20 300
JUN	108 000	DEC	12 700

TOTAL DISCHARGE, 444 000 dam³

TUYA RIVER NEAR TELEGRAPH CREEK - STATION NO. 08CD001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	6.200	4.850	3.700	3.600	24.00	170 E	30.9	35.5	37.0	34.9	17.0 B	7.600	1
2	6.200	4.800	3.800	3.600	29.50	128	36.6	34.6	36.8	35.8	15.5 B	7.650	2
3	6.200	4.800	3.850	3.800	35.00	124	57.3	35.6	63.6	36.5	14.5 B	7.700	3
4	6.250	4.700	3.800	3.600	40.00	113	83.9	36.7	85.1	40.7	14.1 B	7.700	4
5	6.300	4.600	3.600	3.600	51.1	97.1	87.5	34.9	77.7	42.8	13.6 B	7.700	5
6	6.250	4.500	3.900	3.600	54.5	99.3	87.7	31.5	74.4	40.7	13.0 B	7.650	6
7	6.200	4.400	3.600	3.600	60.5	89.4	72.7	30.2	70.4	38.3	12.4 B	7.450	7
8	6.000	4.400	3.600	3.600	76.0E	84.3	64.4	29.8	71.2	35.9	11.8 B	7.250	8
9	5.800	4.350	3.600	3.600	81.0E	72.8	65.5	28.7	66.1	34.3	11.0 B	6.800	9
10	5.700	4.300	3.600	3.600	85.0E	74.3	58.9	28.9	59.5	30.0	10.6 B	6.600	10
11	5.600	4.300	3.650	3.600	84.0E	77.7	55.9	28.0	54.1	33.5	10.5 B	6.650	11
12	5.600	4.300	3.700	3.650	101 E	69.1	53.6	31.7	51.4	32.2	10.4 B	6.750	12
13	5.600	4.300	3.700	3.700	97.0E	60.1	47.2	31.1	54.0	32.7	10.4 B	6.800	13
14	5.400	4.200	3.700	3.750	100 E	54.0	42.2	29.6	54.9	30.8	10.4 B	6.800	14
15	5.400	4.100	3.700	3.800	120 E	49.9	39.0	28.8	51.0	28.0	10.1 B	6.800	15
16	5.500	4.000	3.750	3.900	142 E	48.0	36.1	32.8	48.7	25.7	10.0 B	6.650	16
17	5.600	4.000	3.800	4.000	130 E	46.3	32.8	38.7	45.9	26.5	9.850	6.400	17
18	5.650	4.000	3.800	4.300	83.5E	43.8	30.4	46.2	44.0	26.9	9.600	6.400	18
19	5.600	4.000	3.750	4.700	110 E	48.8	28.6	51.5	42.0	26.5	9.300	6.400	19
20	5.300	4.000	3.700	5.200	150 E	57.8	27.4	61.7	41.2	26.8	9.600	6.350	20
21	5.050	4.150	3.600	5.800	155 E	50.7	27.2	54.0	45.3	25.5	9.550	6.100	21
22	4.950	4.200	3.550	6.400	128 E	44.5	32.7	49.2	50.4	25.3	9.550	6.050	22
23	4.800	4.200	3.500	7.200	131 E	40.2	31.9	46.2	49.6	24.5	9.600	6.050	23
24	4.700	4.150	3.500	8.200	117 E	36.6	29.9	45.8	47.9	23.2	9.600	6.250	24
25	4.700	4.000	3.500	9.400	110 E	34.3	28.7	48.2	48.7	23.3	9.400	6.350	25
26	4.700	3.800	3.500	11.0 B	103 E	33.2	32.9	43.6	44.4	23.3	9.400	6.300	26
27	4.700	3.700	3.500	13.0 B	100 E	33.1	42.8	42.1	40.3	22.1	9.400	6.250	27
28	4.700	3.700	3.500	15.0 B	135 E	31.7	42.0	42.1	37.1	21.6	9.350	6.150	28
29	4.750		3.500	17.5 B	175 E	29.4	36.9	41.0	36.4	21.3	9.050	6.050	29
30	4.750		3.550	20.5 B	240 E	28.7	34.8	38.6	34.8	22.3	7.750	6.100	30
31	4.800		3.600		301 E		36.0	36.8		21.0		6.150	31
TOTAL	168.85	116.80	112.80	190.60	3 367.4	1 978.9	1 413.6	1 193.2	1 551.9	910.4	317.40	207.41	TOTAL
MEAN	5.45	4.24	3.64	6.35	109	66.0	45.6	38.5	52.1	29.4	10.6	6.69	MEAN
MAX	6.30	4.85	3.85	20.5	301	170	87.7	61.7	85.1	42.8	17.0	7.70	MAX
MIN	4.70	3.70	3.50	3.60	24.0	28.7	27.2	28.9	34.8	21.0	7.75	6.05	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 31.6
MAXIMUM DAILY, 301E ON MAY 31
MINIMUM DAILY, 3.50B ON MAR 23

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 04 20 N
LONG 130 49 27 W
DRAINAGE AREA, 3 500 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	14 600	JUL	122 000
FEB	10 300	AUG	103 000
MAR	9 750	SEP	135 000
APR	16 500	OCT	78 700
MAY	291 000	NOV	27 400
JUN	171 000	DEC	17 900

TOTAL DISCHARGE, 997 000 dam³

TWENTYONE MILE CREEK AT 670 m CONTOUR - STATION NO. 08MG021

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.135	0.263	0.701	0.498	3.96	10.2	5.10	2.20	1.26	0.319	---	---	1
2	0.141	0.2008	0.606	0.481	3.85	7.70A	5.05	2.12	1.41	0.310	---	0.8858	2
3	0.163	0.1708	0.538	0.447	3.80	---	4.94	1.92	1.04	0.306	---	---	3
4	0.157	0.1508	0.456	0.414	3.89	---	5.34	1.86	0.935	0.304	---	---	4
5	0.159	0.1606	0.428	0.453	3.83	---	5.30	1.56	0.810	0.324	---	---	5
6	0.144	0.198	0.422	0.608	3.66	---	5.19	1.56	1.10	0.284	---	---	6
7	0.783	0.196	0.396	0.756	3.71	---	5.64	1.47	1.15	0.268	---	---	7
8	1.31	0.198	0.471	0.732	3.46	---	5.55	1.54	0.883	0.253	---	---	8
9	0.719	0.186	2.77	0.652	2.76	---	5.66	1.61	0.704	0.245	---	---	9
10	1.23	0.186	3.44	0.540	2.35	---	5.49	1.59	1.00	0.220	---	---	10
11	2.44	1.65	2.38	0.487	2.28	---	15.5	1.56	1.54	0.219	---	---	11
12	2.50	2.85	1.62	0.437	3.23	---	12.4	1.40	0.997	0.218	---	---	12
13	1.52	1.76	1.14	0.406	3.93	---	9.39	1.28	0.791	0.213	---	---	13
14	0.936	1.16	1.03	0.414	3.84	---	8.65	1.44	0.697	0.215	---	---	14
15	0.705	0.855	0.880	0.502	3.92	---	6.31	1.19	0.618	0.212	---	---	15
16	0.571	0.695	0.786	0.759	3.63	---	4.26E	1.02	0.659	0.202	---	---	16
17	0.493	0.708	0.752	0.887	3.68	10.6 A	4.14E	0.925	0.624	0.302	---	---	17
18	0.518	0.920	0.702	1.64	3.54	5.68	4.02E	0.863	0.572	0.350	---	---	18
19	0.660	0.864	0.691	2.31	3.17	5.81	3.80E	0.845	0.488	0.401	---	---	19
20	0.574	0.637	0.689	3.12	2.73	5.85	3.78E	0.805	0.462	0.918	---	---	20
21	0.804	0.653	0.643	3.31	3.29	5.71	3.66E	0.740	0.441	1.87	---	---	21
22	0.441	0.502	0.608	2.61	3.74	5.68	3.55	0.888	0.442	2.72	---	---	22
23	0.405	0.626	0.595	3.23	4.47	5.39	2.69	0.889	0.458	1.50	---	---	23
24	0.396	2.82	0.577	3.80	5.58	5.55	2.62	0.707	0.472	0.980	---	---	24
25	0.371	1.96	0.558	3.85	5.46	4.83	2.76	0.673	0.478	1.70	---	---	25
26	0.388	1.24	0.563	3.90	5.85	4.85	2.80	0.840	0.483	5.35	---	---	26
27	0.422	0.975	0.553	3.58	6.55	5.36	2.51	0.810	0.513	3.86	---	---	27
28	0.418	0.799	0.526	3.28	7.17	5.09	2.22	1.02	0.433	---	---	---	28
29	0.362		0.509	3.85	6.48	5.00	2.29	1.18	0.378	---	---	---	29
30	0.320		0.584	3.58	10.4	5.15	2.12	0.920	0.334	---	---	---	30
31	0.301		0.642		11.4		2.16	0.808		---		---	31
TOTAL	20.175	23.229	27.083	49.503	141.89	---	150.85	37.264	22.185	---	---	---	TOTAL
MEAN	0.651	0.830	0.873	1.65	4.58	---	4.87	1.20	0.740	---	---	---	MEAN
MAX	2.50	2.82	3.44	3.85	11.4	---	15.5	2.20	1.54	---	---	---	MAX
MIN	0.135	0.180	0.396	0.406	2.28	---	2.12	0.610	0.334	---	---	---	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 15.5 ON JUL 11

MAXIMUM INSTANTANEOUS,
40.6 AT 22:48 PST ON JUL 11

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 07 50 N
LONG 122 59 10 W
DRAINAGE AREA, 28.2 km²

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 740	JUL	13 000
FEB	2 010	AUG	3 220
MAR	2 340	SEP	1 820
APR	4 280	OCT	---
MAY	12 300	NOV	---
JUN	---	DEC	---

TWO FORTY CREEK NEAR PENTICTON - STATION NO. 08NM240

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	0.0184	0.0148	1
2	---	---	---	---	---	---	---	---	---	---	0.024	0.0138	2
3	---	---	---	---	---	---	---	---	---	---	0.030	0.0148	3
4	---	---	---	---	---	---	---	---	---	---	0.033	0.0138	4
5	---	---	---	---	---	---	---	---	---	---	0.027	0.0148	5
6	---	---	---	---	---	---	---	---	---	---	0.024	0.0138	6
7	---	---	---	---	---	---	---	---	---	---	0.021	0.0138	7
8	---	---	---	---	---	---	---	---	---	---	0.018	0.0138	8
9	---	---	---	---	---	---	---	---	---	---	0.016	0.0148	9
10	---	---	---	---	---	---	---	---	---	---	0.017	0.0148	10
11	---	---	---	---	---	---	---	---	---	---	0.019	0.0148	11
12	---	---	---	---	---	---	---	---	---	---	0.018	0.0148	12
13	---	---	---	---	---	---	---	---	---	---	0.017	0.0158	13
14	---	---	---	---	---	---	---	---	---	---	0.016	0.0148	14
15	---	---	---	---	---	---	---	---	---	---	0.018	0.0148	15
16	---	---	---	---	---	---	---	---	---	---	0.021	0.0138	16
17	---	---	---	---	---	---	---	---	---	---	0.020	0.0138	17
18	---	---	---	---	---	---	---	---	---	---	0.019	0.0128	18
19	---	---	---	---	---	---	---	---	---	---	0.017	0.0128	19
20	---	---	---	---	---	---	---	---	---	---	0.016	0.0138	20
21	---	---	---	---	---	---	---	---	---	---	0.017	0.0118	21
22	---	---	---	---	---	---	---	---	---	---	0.017	0.0118	22
23	---	---	---	---	---	---	---	---	---	---	0.017	0.0108	23
24	---	---	---	---	---	---	---	---	---	---	0.017	0.0118	24
25	---	---	---	---	---	---	---	---	---	---	0.017	0.0118	25
26	---	---	---	---	---	---	---	---	---	---	0.017	0.0118	26
27	---	---	---	---	---	---	---	---	---	---	0.017	0.0108	27
28	---	---	---	---	---	---	---	---	---	---	0.017	0.0108	28
29	---		---	---	---	---	---	---	---	---	0.016	0.0118	29
30	---		---	---	---	---	---	---	---	---	0.0168	0.0128	30
31	---		---		---		---	---		---		0.0128	31
TOTAL	---	---	---	---	---	---	---	---	---	---	0.581	0.388	TOTAL
MEAN	---	---	---	---	---	---	---	---	---	---	0.019	0.013	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	0.033	0.016	MAX
MIN	---	---	---	---	---	---	---	---	---	---	0.016	0.010	MIN

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 39 01 N
LONG 119 23 50 W
DRAINAGE AREA, 136 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	---
FEB	---	AUG	---
MAR	---	SEP	---
APR	---	OCT	---
MAY	---	NOV	50.2
JUN	---	DEC	33.5

TWO FORTY-ONE CREEK NEAR PENTICTON - STATION NO. 08NM241

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	0.0304	0.0148	1
2	---	---	---	---	---	---	---	---	---	---	0.029	0.0138	2
3	---	---	---	---	---	---	---	---	---	---	0.034	0.0148	3
4	---	---	---	---	---	---	---	---	---	---	0.035	0.0138	4
5	---	---	---	---	---	---	---	---	---	---	0.028	0.0148	5
6	---	---	---	---	---	---	---	---	---	---	0.025	0.0138	6
7	---	---	---	---	---	---	---	---	---	---	0.023	0.0138	7
8	---	---	---	---	---	---	---	---	---	---	0.021	0.0138	8
9	---	---	---	---	---	---	---	---	---	---	0.020	0.0146	9
10	---	---	---	---	---	---	---	---	---	---	0.019	0.0148	10
11	---	---	---	---	---	---	---	---	---	---	0.020	0.0148	11
12	---	---	---	---	---	---	---	---	---	---	0.020	0.0148	12
13	---	---	---	---	---	---	---	---	---	---	0.019	0.0158	13
14	---	---	---	---	---	---	---	---	---	---	0.018	0.0148	14
15	---	---	---	---	---	---	---	---	---	---	0.019	0.0148	15
16	---	---	---	---	---	---	---	---	---	---	0.022	0.0138	16
17	---	---	---	---	---	---	---	---	---	---	0.021	0.0138	17
18	---	---	---	---	---	---	---	---	---	---	0.019	0.0128	18
19	---	---	---	---	---	---	---	---	---	---	0.018	0.0128	19
20	---	---	---	---	---	---	---	---	---	---	0.018	0.0118	20
21	---	---	---	---	---	---	---	---	---	---	0.018	0.0118	21
22	---	---	---	---	---	---	---	---	---	---	0.018	0.0108	22
23	---	---	---	---	---	---	---	---	---	---	0.017	0.0098	23
24	---	---	---	---	---	---	---	---	---	---	0.017	0.0108	24
25	---	---	---	---	---	---	---	---	---	---	0.017	0.0118	25
26	---	---	---	---	---	---	---	---	---	---	0.017	0.0118	26
27	---	---	---	---	---	---	---	---	---	---	0.017	0.0108	27
28	---	---	---	---	---	---	---	---	---	---	0.017	0.0108	28
29	---		---	---	---	---	---	---	---	---	0.0184	0.0118	29
30	---		---	---	---	---	---	---	---	---	0.0188	0.0128	30
31	---		---		---		---	---		---		0.0128	31
TOTAL	---	---	---	---	---	---	---	---	---	---	0.619	0.384	TOTAL
MEAN	---	---	---	---	---	---	---	---	---	---	0.021	0.012	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	0.035	0.016	MAX
MIN	---	---	---	---	---	---	---	---	---	---	0.016	0.009	MIN

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 39 05 N
LONG 119 23 30 W
DRAINAGE AREA, 122 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	---
FEB	---	AUG	---
MAR	---	SEP	---
APR	---	OCT	---
MAY	---	NOV	53.5
JUN	---	DEC	33.2

TWO MILE CREEK IN DISTRICT LOT 4834 - STATION NO. 08EE025

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.0408	0.0588	0.0828	0.082E	0.087	0.055	0.111	0.151	0.118	0.131	0.105	0.0608	1
2	0.0398	0.0548	0.0808	0.084E	0.084	0.062	0.110	0.156	0.117	0.123	0.105	0.0588	2
3	0.0398	0.0548	0.0828	0.084E	0.083	0.083	0.110	0.154	0.116	0.120	0.107	0.0568	3
4	0.0398	0.0528	0.0868	0.084E	0.079	0.073	0.126	0.151	0.120	0.115	0.106	0.0548	4
5	0.0398	0.0518	0.0848	0.086E	0.077	0.070	0.127	0.145	0.120	0.117	0.108	0.0528	5
6	0.0398	0.0518	0.0828	0.087E	0.078	0.068	0.123	0.146	0.125	0.116	0.106	0.0518	6
7	0.0528	0.0508	0.0808	0.088E	0.081	0.064	0.152	0.142	0.131	0.115	0.111	0.0508	7
8	0.0748	0.0508	0.0788	0.088E	0.092	0.064	0.154	0.138	0.136	0.115	0.113	0.0498	8
9	0.0748	0.0498	0.0778	0.089E	0.094	0.064	0.150	0.133	0.137	0.110	0.111	0.0488	9
10	0.0728	0.0488	0.0768	0.088E	0.093	0.071	0.156	0.133	0.134	0.113	0.108	0.0478	10
11	0.0768	0.0488	0.0748	0.088E	0.085	0.107	0.156	0.137	0.126	0.113	0.103	0.0488	11
12	0.0748	0.0498	0.0788	0.090E	0.094	0.112	0.155	0.141	0.128	0.111	0.100	0.0458	12
13	0.0728	0.0508	0.0748	0.088E	0.093	0.104	0.151	0.141	0.134	0.110	0.102	0.0448	13
14	0.0698	0.0528	0.0818	0.090E	0.094	0.098	0.148	0.140	0.136	0.108	0.109	0.0448	14
15	0.0688	0.0548	0.0848	0.090E	0.093	0.092	0.145	0.142	0.137	0.103	0.113	0.0438	15
16	0.0668	0.0568	0.0868	0.092E	0.091	0.088	0.161	0.140	0.141	0.094	0.109	0.0428	16
17	0.0648	0.0588	0.0868	0.094E	0.089	0.082	0.156	0.142	0.141	0.099	0.114	0.0428	17
18	0.0678	0.0648	0.0878	0.098E	0.091	0.083	0.153	0.139	0.137	0.098	0.113	0.0418	18
19	0.0718	0.0668	0.0878	0.098A	0.087	0.083	0.133	0.148	0.138	0.094	0.114	0.0408	19
20	0.0748	0.0748	0.0888	0.096	0.089	0.087	0.134	0.148	0.136	0.091	0.114	0.0408	20
21	0.0768	0.0788	0.0888	0.100	0.085	0.084	0.135	0.148	0.135	0.093	0.102	0.0408	21
22	0.0728	0.0808	0.0848	0.104	0.080	0.081	0.138	0.148	0.128	0.095	0.101	0.0398	22
23	0.0688	0.0828	0.0838	0.100	0.078	0.086	0.134	0.143	0.122	0.098	0.098	0.0398	23
24	0.0688	0.0848	0.0838	0.100	0.076	0.092	0.135	0.140	0.118	0.099	0.096	0.0398	24
25	0.0648	0.0888	0.0818	0.103	0.075	0.087	0.136	0.139	0.127	0.102	0.087E	0.0398	25
26	0.0628	0.0908	0.0818	0.098	0.074	0.098	0.136	0.137	0.136	0.103	0.077E	0.0388	26
27	0.0608	0.0928	0.0818	0.094	0.071	0.100	0.137	0.132	0.136	0.106	0.072E	0.0388	27
28	0.0588	0.0928	0.0828	0.089	0.068	0.103	0.140	0.139	0.138	0.106	0.069E	0.0388	28
29	0.0568		0.0828	0.088	0.066	0.102	0.142	0.135	0.137	0.103	0.068E	0.0398	29
30	0.0588		0.0828	0.085	0.062	0.110	0.143	0.133	0.134	0.103	0.063E	0.0388	30
31	0.0568		0.0828		0.057		0.147	0.134		0.104		0.0388	31
TOTAL	1.910	1.780	2.585	2.748	2.556	2.545	4.278	4.356	3.925	3.308	3.002	1.377	TOTAL
MEAN	0.062	0.064	0.083	0.092	0.082	0.085	0.138	0.141	0.131	0.107	0.100	0.044	MEAN
MAX	0.076	0.093	0.092	0.104	0.095	0.112	0.156	0.156	0.141	0.131	0.114	0.060	MAX
MIN	0.039	0.048	0.076	0.082	0.057	0.064	0.110	0.122	0.117	0.091	0.083	0.038	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.084
MAXIMUM DAILY, 0.156 ON JUL 10
MINIMUM DAILY, 0.0388 ON DEC 27
MAXIMUM INSTANTANEOUS,
0.156 AT 08:07 PST ON JUL 10

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 17 46 N
LONG 127 37 07 W
DRAINAGE AREA, 30.0 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	165	JUL	369
FEB	154	AUG	376
MAR	222	SEP	339
APR	237	OCT	286
MAY	221	NOV	259
JUN	220	DEC	119

TOTAL DISCHARGE, 2 970 dam³

TYHEE CREEK AT OUTLET OF TYHEE LAKE - STATION NO. 08EE027

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	0.012	0.028	0.122	0	---	---	---	1
2	---	---	---	---	---	0.003	0.006	0.102	0.001	---	---	---	2
3	---	---	---	---	---	0.002	0.118	0.083	0	---	---	---	3
4	---	---	---	---	0.015	0.215	0.186	0.060	0.001	---	---	---	4
5	---	---	---	---	0.015	0.189	0.156	0.087	0.001	---	---	---	5
6	---	---	---	---	0	0.150	0.148	0.077	0.001	---	---	---	6
7	---	---	---	---	0.015E	0.074	0.173	0.045	0.001	---	---	---	7
8	---	---	---	---	0.030E	0.141	0.141	0.031	0.001	---	---	---	8
9	---	---	---	---	0.045	0.123	0.134	0.028	0.008	---	---	---	9
10	---	---	---	---	0.006	0.136	0.184	0.017	0.001	---	---	---	10
11	---	---	---	---	0.012	0.045	0.148	0.014	0.001	---	---	---	11
12	---	---	---	---	0.011	0.195	0.154	0.001	0.001	---	---	---	12
13	---	---	---	---	0.003	0.133	0.084	0.020	0.001	---	---	---	13
14	---	---	---	---	0.002	0.121	0.078	0.026	0.001	---	---	---	14
15	---	---	---	---	0.002	0.078	0.047	0.010	0.001	---	---	---	15
16	---	---	---	---	0.002	0.038	0.152	0.003	0.001	---	---	---	16
17	---	---	---	---	0.002	0.013	0.140	0.004	0.001	---	---	---	17
18	---	---	---	---	0.001	0.186	0.188	0.003	0.001	---	---	---	18
19	---	---	---	---	0.004	0.133	0.116	0.003	0.001	---	---	---	19
20	---	---	---	---	0	0.111	0.116	0.003	0.001	---	---	---	20
21	---	---	---	---	0.001	0.098	0.108	0.003	0.001	---	---	---	21
22	---	---	---	---	0.002	0.093	0.099	0.001	0.001	---	---	---	22
23	---	---	---	---	0.174	0.077	0.080	0.002	0.001	---	---	---	23
24	---	---	---	---	0.024	0.088	0.101	0.013	0.001	---	---	---	24
25	---	---	---	---	0.002	0.051	0.104	0.013	0.001	---	---	---	25
26	---	---	---	---	0.002	0.153	0.080	0.005	0.001	---	---	---	26
27	---	---	---	---	0.001	0.095	0.111	0.002	0.001	---	---	---	27
28	---	---	---	---	0.001	0.035	0.102	0.002	0.001	---	---	---	28
29	---		---	---	0.208	0.156	0.077	0.001	0.002	---	---	---	29
30	---		---	---	0.144	0.040	0.061	0.001	0.001	---	---	---	30
31	---		---		0.048		0.078	0		---		---	31
TOTAL	---	---	---	---	---	2.828	3.475	0.733	0.036	---	---	---	TOTAL
MEAN	---	---	---	---	---	0.094	0.112	0.024	0.001	---	---	---	MEAN
MAX	---	---	---	---	---	0.215	0.188	0.122	0.008	---	---	---	MAX
MIN	---	---	---	---	---	0.002	0.008	0	0	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 0.215 ON JUN 4
MINIMUM DAILY, 0 ON MAY 8

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - MANUAL
LOCATION - LAT 54 41 05 N
LONG 127 01 25 W

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	300
FEB	---	AUG	63.3
MAR	---	SEP	3.11
APR	---	OCT	---
MAY	---	NOV	---
JUN	283	DEC	---

TYNEE LAKE NEAR TELKWA - STATION NO. 08EE026

DAILY WATER LEVEL IN METRES FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	0.670	0.648	0.582	0.522	0.446	---	---	---	1
2	---	---	---	---	0.670	0.648	0.582	0.520	0.443	---	---	---	2
3	---	---	---	---	0.672	0.646	0.580	0.516	0.440	---	---	---	3
4	---	---	---	---	0.672	0.642	0.578	0.513	0.436	---	---	---	4
5	---	---	---	---	0.674	0.642	0.578	0.509	0.434	---	---	---	5
6	---	---	---	---	0.674	0.640	0.580	0.504	0.436	---	---	---	6
7	---	---	---	---	0.674	0.640	0.580	0.499	0.432	---	---	---	7
8	---	---	---	---	0.674	0.636	0.578	0.494	0.432	---	---	---	8
9	---	---	---	---	0.672	0.638	0.578E	0.490	0.430	---	---	---	9
10	---	---	---	---	0.672	0.638	0.578	0.492	0.430	---	---	---	10
11	---	---	---	---	0.672	0.636	0.576	0.488	0.429	---	---	---	11
12	---	---	---	---	0.672	0.634	0.574	0.483	0.427	---	---	---	12
13	---	---	---	---	0.671	0.630	0.574	0.480	0.435	---	---	---	13
14	---	---	---	---	0.674	0.624	0.570	0.483	0.432	---	---	---	14
15	---	---	---	---	0.678	0.620	0.570	0.480	0.430	---	---	---	15
16	---	---	---	---	0.678	0.618	0.568	0.480	0.433	---	---	---	16
17	---	---	---	---	0.678	0.618	0.568	0.488	0.430	---	---	---	17
18	---	---	---	---	0.676	0.614	0.566	0.486	0.430	---	---	---	18
19	---	---	---	---	0.674	0.612	0.566	0.484	0.428	---	---	---	19
20	---	---	---	0.672	0.670	0.610	0.565	0.480	0.424	---	---	---	20
21	---	---	---	0.672	0.668	0.608	0.564	0.482	0.424	---	---	---	21
22	---	---	---	0.674	0.668	0.604	0.560	0.480	0.422	---	---	---	22
23	---	---	---	0.676	0.668	0.604	0.545	0.476	0.420	---	---	---	23
24	---	---	---	0.676	0.682	0.602	0.542	0.472	0.418	---	---	---	24
25	---	---	---	0.677	0.780	0.600	0.538	0.470	0.416	---	---	---	25
26	---	---	---	0.677	0.656	0.600	0.535	0.464	0.410	---	---	---	26
27	---	---	---	0.676	0.656	0.598	0.532	0.460	0.408	---	---	---	27
28	---	---	---	0.674	0.656	0.594	0.530	0.458	0.408	---	---	---	28
29	---		---	0.672	0.652	0.590	0.528	0.454	0.404	---	---	---	29
30	---		---	0.670	0.652	0.568	0.527	0.453	0.396	---	---	---	30
31	---		---		0.650		0.524	0.450		---		---	31
MEAN	---	---	---	---	0.668	0.621	0.561	0.486	0.426	---	---	---	MEAN
MAX	---	---	---	---	0.678	0.648	0.582	0.522	0.446	---	---	---	MAX
MIN	---	---	---	---	0.650	0.588	0.524	0.450	0.396	---	---	---	MIN

SUMMARY FOR THE YEAR 1983

WATER LEVELS IN METRES

MAXIMUM DAILY, 0.678 ON MAY 15

TYPE OF GAUGE - MANUAL
LOCATION - LAT 54 43 21 N
LONG 127 03 05 W

E - ESTIMATED

NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

UNNAMED CREEK AT 114 AVENUE, WHALLEY - STATION NO. 08MH134

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.018	0.030	0.030	0.376	0.011	0.006	0.011	0.007	0.358	0.009	0.178	0.024	1
2	0.140	0.024	0.023	0.124	0.010	0.037	0.081	0.011	0.042	0.010	0.420	0.024	2
3	0.178	0.020	0.022	0.062	0.009	0.007	0.006	0.007	0.015	0.091	0.294	0.023	3
4	0.194	0.018	0.021	0.043	0.010	0.006	0.006	0.006	0.013	0.009	0.131	0.027	4
5	0.539	0.018	0.045	0.033	0.010	0.006	0.006	0.006	0.013	0.009	0.142	0.031	5
6	0.139	0.048	0.043	0.027	0.010	0.007	0.007	0.006	0.054	0.008	0.151	0.019	6
7	0.648	0.028	0.084	0.024	0.068	0.006	0.007	0.006	0.049	0.008	0.180	0.015	7
8	0.249	0.062	0.248	0.024A	0.125	0.006	0.008	0.006	0.010	0.006	0.088	0.202	8
9	0.394	0.399	0.226	0.197	0.033	0.016	0.009	0.018	0.008	0.006	0.130	0.080	9
10	0.512	0.198	0.251	0.134	0.014	0.043	0.017	0.006	0.130	0.008	0.088	0.047	10
11	0.136	0.423	0.078	0.065	0.010	0.031	0.592	0.005	0.025	0.008	0.187	0.080	11
12	0.133	0.521	0.108	0.034	0.009	0.012	0.189	0.004	0.011	0.005	0.128	0.259	12
13	0.063	0.161	0.187	0.037	0.008	0.009	0.203	0.004	0.009	0.004	0.207	0.211	13
14	0.042	0.139	0.144	0.021	0.013	0.005	0.084	0.004	0.012	0.005	0.818	0.136	14
15	0.031	0.171	0.065	0.016	0.008	0.006	0.038	0.004	0.008	0.005	0.661	0.052	15
16	0.031	0.150	0.065	0.015	0.007	0.032	0.024	0.003	0.012	0.010	0.834	0.038	16
17	0.068	0.817	0.070	0.015	0.015	0.107	0.018	0.004	0.007	0.022	0.445	0.031	17
18	0.120	0.144	0.052	0.011	0.010	0.021	0.014	0.005	0.010	0.008	0.301	0.026	18
19	0.221	0.712	0.043	0.011	0.007	0.022	0.013	0.005	0.005	0.017	0.309	0.0238	19
20	0.082	0.487	0.041	0.011	0.007	0.005	0.012	0.006	0.006	0.072	0.187	0.0188	20
21	0.048	0.174	0.040	0.021	0.006	0.005	0.010	0.006	0.005	0.284	0.068	0.0108	21
22	0.038	0.236	0.060	0.018	0.006	0.048	0.011	0.005	0.005	0.077	0.114	0.0078	22
23	0.040	0.171	0.020	0.018	0.006	0.027	0.010	0.007	0.005	0.024	0.092	0.0038	23
24	0.120	0.127	0.015	0.182	0.005	0.005	0.010	0.007	0.006	0.040	0.586	0.0018	24
25	0.088	0.078	0.018	0.078	0.006	0.005	0.022	0.006	0.006	0.033	0.184	0.0058	25
26	0.183	0.070	0.017	0.115	0.005	0.004	0.025	0.006	0.088	0.033	0.563	0.088	26
27	0.077	0.044	0.024	0.029	0.005	0.004	0.087	0.005	0.005	0.028	0.212	0.021	27
28	0.040	0.041	0.188	0.018	0.005	0.004	0.023	0.083	0.005	0.013	0.087	0.017	28
29	0.030		0.292	0.018	0.005	0.005	0.008	0.006	0.005	0.030	0.041	0.116	29
30	0.137		0.137	0.011	0.008	0.008	0.008	0.006	0.010	0.410	0.030	0.223	30
31	0.044		0.108		0.008		0.008	0.007		0.127		0.188	31
TOTAL	4.735	5.311	2.699	1.744	0.458	0.502	1.557	0.247	0.912	1.414	7.925	1.884	TOTAL
MEAN	0.153	0.190	0.087	0.058	0.015	0.017	0.050	0.008	0.030	0.048	0.284	0.084	MEAN
MAX	0.648	0.712	0.292	0.376	0.125	0.107	0.592	0.083	0.358	0.410	0.661	0.259	MAX
MIN	0.018	0.018	0.015	0.011	0.005	0.004	0.005	0.003	0.005	0.004	0.030	0.001	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.081
MAXIMUM DAILY, 0.881 ON NOV 15
MINIMUM DAILY, 0.0018 ON DEC 24
MAXIMUM INSTANTANEOUS,
3.88 AT 07:48 PST ON SEP 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 12 35 N
LONG 122 51 07 W

A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	408	JUL	135
FEB	458	AUG	21.3
MAR	233	SEP	78.8
APR	151	OCT	122
MAY	39.7	NOV	685
JUN	43.4	DEC	171

TOTAL DISCHARGE, 2 550 dam³

UNUK RIVER NEAR STEWART - STATION NO. 08DD001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	15.38	14.2	14.1	18.9	86.9	282	197	229	235	102	54.0	24.38	1
2	17.88	14.2	14.3	18.5	98.8	316	198	189	315	92.6	54.4	23.58	2
3	16.99	13.8	13.9	19.4	98.0	246	192	184	289	122	54.4	22.88	3
4	15.7	13.6	13.6	20.9	85.1	182	185	172	272	111	52.9	22.38	4
5	15.6	13.58	14.4	26.9	73.3	146	192	177	167	97.9	58.5	21.68	5
6	15.48	14.7	17.7	31.6	72.2	137	181	176	140	81.5	54.4	21.48	6
7	15.48	13.7	23.0	37.2	77.1	157	169	166	121	76.8	50.8	21.08	7
8	15.48	13.5	15.3	34.6	86.2	181	188	171	108	73.3	48.7	20.68	8
9	15.58	13.3	14.0	22.6	75.4	219	193	213	96.0	67.8	45.6	20.38	9
10	15.88	13.3	13.6	21.1	79.2	210	222	197	89.4	62.7	43.6	20.08	10
11	15.58	13.4	13.5	20.7	88.2	215	184	192	83.8	59.8	43.0	19.78	11
12	19.28	13.1	13.4	20.2	84.2	225	170	173	88.6	58.0	42.5	19.48	12
13	18.88	14.9	13.5	20.2	104	200	159	173	86.6	56.6	40.7	19.19	13
14	18.09	15.2	13.8	20.4	124	181	164	170	87.3	52.8	39.4	18.88	14
15	17.48	14.8	15.1	21.8	138	242	191	247	89.5	49.4	38.0	18.58	15
16	16.98	14.1	16.3	23.6	127	226	212	232	73.5	47.7	40.8	18.28	16
17	16.78	13.8	16.1	21.8	111	203	238	231	86.8	47.0	41.8	18.08	17
18	16.5	13.8	16.2	38.4	93.1	254	238	186	61.3	55.1	40.8	17.88	18
19	17.6	13.6	16.9	30.2	89.3	268	247	188	58.4	84.2	39.4	17.88	19
20	18.4	13.8	16.4	27.0	244	242	232	181	74.3	75.5	35.8	17.48	20
21	18.38	13.6	15.6	27.0	162	232	228	172	83.8	78.9	31.4	17.28	21
22	17.88	13.7	15.5	28.7	139	248	206	178	122	63.8	34.0	17.08	22
23	17.48	14.1	15.1	33.4	141	300	193	205	117	70.3	34.8	16.88	23
24	16.98	15.9	14.6	45.6	125	312	187	320	155	67.1	33.6	16.68	24
25	16.38	16.2	14.6	68.6	136	311	202	321	129	58.8	32.7	16.48	25
26	15.88	15.8	15.0	90.1	101	331	202	327	111	61.3	32.3	16.38	26
27	15.48	15.1	15.2	90.5	87.6	214	264	321	89.8	86.5	31.8	16.28	27
28	15.18	14.7	15.7	86.5	148	198	229	284	76.8	67.6	30.6	16.18	28
29	14.78		15.8	103	224	202	207	235	71.3	92.8	27.7	16.08	29
30	14.48		16.5	99.7	347	205	220	214	69.9	83.4	25.6	15.98	30
31	14.3		16.5		341		323	238		72.2		15.88	31
TOTAL	514.3	386.9	477.5	1 171.8	4 026.6	6 797	6 423	6 633	3 686.0	2 330.9	1 273.0	582.8	TOTAL
MEAN	16.6	14.2	15.4	38.1	130	227	207	214	123	75.2	42.4	18.8	MEAN
MAX	19.3	16.2	23.0	103	347	316	323	327	315	122	54.4	24.3	MAX
MIN	14.3	13.3	13.4	18.5	72.2	137	159	161	58.4	47.0	25.6	15.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 94.0
MAXIMUM DAILY, 347 ON MAY 30
MINIMUM DAILY, 13.3 ON FEB 3
MAXIMUM INSTANTANEOUS,
442 AT 23:10 PST ON SEP 2

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 21 05 N
LONG 130 41 30 W
DRAINAGE AREA, 1 480 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	44 400	JUL	555 000
FEB	34 300	AUG	573 000
MAR	41 300	SEP	318 000
APR	101 000	OCT	201 000
MAY	348 000	NOV	110 000
JUN	587 000	DEC	50 400

TOTAL DISCHARGE, 2 980 000 dam³

VAN TINE CREEK NEAR THE MOUTH - STATION NO. 08JA014

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.1788	0.0878	0.0888	0.0788	3.36	0.534	2.86	1.84	0.429	0.482	1.38	0.2908	1
2	0.1708	0.0858	0.0858	0.0788	3.10	0.526	2.63	1.52	1.20	0.509	1.35	0.2608	2
3	0.1638	0.0838	0.0848	0.0758	3.00	0.762	2.91	1.40	1.05	0.467	1.32	0.2378	3
4	0.1588	0.0818	0.0848	0.0758	2.89	0.682	2.57	1.34	0.756	0.501	1.30	0.2128	4
5	0.1548	0.0798	0.0848	0.0788	3.26	0.827	2.46	1.21	0.588	0.483	1.10	0.1958	5
6	0.1538	0.0788	0.0848	0.0788	3.35	1.06	2.78	1.04	0.575	0.484	1.03	0.1708	6
7	0.1548	0.0778	0.0858	0.0818	3.17	1.15	3.79	0.846	0.857	0.476	0.943	0.1508	7
8	0.1568	0.0778	0.0878	0.0818	2.82	1.13	3.35	0.869	0.585	0.453	0.798	0.1358	8
9	0.1588	0.0788	0.0888	0.0808	2.55	1.21	2.69	2.04	0.509	0.424	0.715	0.1308	9
10	0.1608	0.0798	0.0888	0.0808	2.34	1.49	2.22	1.71	0.485	0.427	0.637	0.1328	10
11	0.1628	0.0838	0.0878	0.0788	2.23	1.39	2.09	1.28	0.458	0.421	0.6108	0.1348	11
12	0.1638	0.0868	0.0878	0.0788	2.05	1.32	2.03	1.02	0.483	0.418	0.5988	0.1358	12
13	0.1638	0.0888	0.0888	0.0788	1.98	1.12	2.18	0.836	0.462	0.433	0.5828	0.1348	13
14	0.1628	0.0888	0.0888	0.0848	1.89	0.976	12.8	0.744	0.470	0.447	0.5828	0.1328	14
15	0.1608	0.0878	0.0878	0.0958	2.00	0.901	13.6	0.621	0.473	0.460	0.5408	0.1278	15
16	0.1558	0.0858	0.0878	0.1108	1.92	0.807	9.38	0.617	0.595	0.440	0.5108	0.1228	16
17	0.1508	0.0848	0.0868	0.1218	1.77	1.40	7.09	0.572	0.567	0.483	0.4908	0.1178	17
18	0.1458	0.0838	0.0868	0.1358	1.71	2.52	5.61	0.521	1.18	0.491	0.4658	0.1138	18
19	0.1408	0.0828	0.0858	0.1498	1.64	3.14	4.28	0.454	1.10	0.476	0.4308	0.1088	19
20	0.1338	0.0808	0.0848	0.1658	1.65	3.21	5.08	0.441	1.08	0.475	0.4058	0.1058	20
21	0.1278	0.0818	0.0848	0.3008	1.80	3.03	4.38	0.393	1.32	0.488	0.3818	0.1038	21
22	0.1228	0.0838	0.0838	0.4808	1.53	3.40	3.59	0.369	1.10	0.572	0.3618	0.1008	22
23	0.1208	0.0858	0.0838	0.8508	1.43	1.95	2.86	0.328	0.923	0.538	0.3528	0.0988	23
24	0.1178	0.0868	0.0828	1.758	1.30	3.02	2.86	0.316	0.808	0.504	0.3408	0.0868	24
25	0.1138	0.0838	0.0828	3.01 B	1.16	5.00	3.72	0.308	0.885	0.520	0.3308	0.1018	25
26	0.1088	0.0828	0.0818	3.31	1.08	4.50	4.42	0.288	0.817	0.848	0.3308	0.1088	26
27	0.1038	0.0818	0.0818	3.16	0.978	3.88	3.58	0.294	0.588	1.03	0.3278	0.1158	27
28	0.1008	0.0888	0.0818	3.43	0.815	2.99	2.94	0.293	0.630	0.972	0.3208	0.1218	28
29	0.0968		0.0808	3.57	0.681	2.52	2.48	0.286	0.494	0.887	0.3108	0.1278	29
30	0.0938		0.0788	3.57	0.605	2.76	2.10	0.290	0.478	0.944	0.3058	0.1318	30
31	0.0908		0.0778		0.581		1.66	0.281		1.29		0.1378	31
TOTAL	4.324	2.353	2.612	25.303	60.384	58.275	126.83	24.188	21.587	17.972	19.122	4.378	TOTAL
MEAN	0.139	0.084	0.084	0.843	1.95	1.94	4.09	0.781	0.720	0.580	0.637	0.141	MEAN
MAX	0.178	0.093	0.088	3.57	3.36	5.00	13.6	2.04	1.23	1.29	1.38	0.290	MAX
MIN	0.090	0.077	0.077	0.075	0.581	0.534	1.66	0.281	0.429	0.418	0.305	0.098	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.01
MAXIMUM DAILY, 13.6 ON JUL 15
MINIMUM DAILY, 0.0758 ON APR 3
MAXIMUM INSTANTANEOUS,
22.5 AT 20:51 PST ON JUL 14

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 15 30 N
LONG 135 24 50 W
DRAINAGE AREA, 153 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	374	JUL	11 000
FEB	203	AUG	2 080
MAR	226	SEP	1 670
APR	2 180	OCT	1 550
MAY	5 220	NOV	1 550
JUN	5 030	DEC	378

TOTAL DISCHARGE, 31 800 dam³

VANCE CREEK BELOW DEAFIES CREEK - STATION NO. 08LC040

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.133	0.132	0.252	1.23E	4.58E	1.81	0.702	0.458	0.283	0.157	0.150	0.111	1
2	0.122	0.133	0.352	1.35E	4.80E	1.81	0.702	0.458	0.248	0.155	0.148	0.111	2
3	0.113	0.132	0.297	1.35E	4.80E	1.81	0.702	0.458	0.248	0.150	0.158	0.127	3
4	0.113	0.132	0.344	1.35E	4.80E	1.81	0.702	0.317	0.281	0.150	0.185	0.119	4
5	0.113	0.132	0.344	1.35E	4.27E	1.81	0.702	0.317	0.281	0.144	0.161	0.124	5
6	0.122	0.133	0.344	1.38E	4.20E	1.81	0.702	0.317	0.283	0.142	0.153	0.1288	6
7	0.122	0.132	0.367	1.38E	4.40E	1.81	0.702	0.317	0.281	0.142	0.146	0.119	7
8	0.130	0.132	0.367	1.65E	4.18E	1.86	0.702	0.281	0.260	0.141	0.145	0.138	8
9	0.130	0.132	0.367	1.65E	3.67E	1.29	0.635	0.281	0.260	0.136	0.142	0.129	9
10	0.130	0.133	0.439	1.52E	3.59E	1.19	0.635	0.281	0.255	0.136	0.137	0.137	10
11	0.122	0.133	1.38	1.38E	3.30E	1.19	0.702	0.317	0.260	0.136	0.145	0.146	11
12	0.130	0.133	1.38	1.38E	3.22E	1.05	0.702	0.317	0.398	0.135	0.144	0.154	12
13	0.130	0.142	1.38	1.38E	3.27E	0.954	0.702	0.317	0.394	0.138	0.146	0.146	13
14	0.130	0.142	1.38	1.38E	3.30E	0.920	0.702	0.317	0.281	0.133	0.149	0.146	14
15	0.122	0.142	1.24	1.38E	3.32E	1.05	0.702	0.281	0.223	0.133	0.189	0.142	15
16	0.171	0.142	1.24	1.38E	3.42E	1.05	0.702	0.281	0.251	0.128	0.175	0.137	16
17	0.151	0.142	1.24	1.38E	3.37E	1.15	0.702	0.281	0.251	0.128	0.212	0.1288	17
18	0.151	0.151	1.24	1.23E	3.20E	1.15	0.702	0.248	0.240	0.138	0.212	0.119	18
19	0.151	0.151	1.24	1.38E	3.20E	1.15	0.635	0.248	0.218	0.137	0.212	0.1158	19
20	0.143	0.151	1.24	1.38E	3.22E	1.26	0.635	0.248	0.218	0.138	0.190	0.1148	20
21	0.143	0.171	1.24	1.64E	3.38E	1.26	0.454	0.248	0.218	0.144	0.169	0.1138	21
22	0.143	0.194	1.12	1.64E	3.45E	1.05	0.635	0.218	0.217	0.144	0.169	0.1128	22
23	0.133	0.194	1.24	3.72E	3.65E	0.871	0.635	0.218	0.212	0.142	0.169	0.1118	23
24	0.133	0.223	1.11	4.94E	3.70E	0.871	0.635	0.193	0.173	0.134	0.168	0.1108	24
25	0.129	0.229	1.11 E	5.60E	4.00E	0.871	0.635	0.183	0.171	0.133	0.170	0.1098	25
26	0.133	0.229	1.23 E	4.82	3.66E	0.871	0.635	0.183	0.170	0.133	0.180	0.1088	26
27	0.133	0.229	1.23 E	4.74E	3.74E	0.774	0.702	0.183	0.168	0.133	0.190	0.1078	27
28	0.133	0.229	1.23 E	4.70E	3.70E	0.774	0.702	0.183	0.162	0.135	0.189	0.1068	28
29	0.133		1.23 E	4.57E	3.60E	0.774	0.635	0.183	0.160	0.128	0.150	0.1058	29
30	0.132		1.23 E	4.48E	3.50E	0.702	0.635	0.183	0.158	0.126	0.183	0.1038	30
31	0.132		1.23 E		2.88		0.619	0.183		0.137		0.1028	31
TOTAL	4.106	4.460	29.693	88.71	115.75	36.552	20.594	8.668	7.144	4.278	4.872	3.782	TOTAL
MEAN	0.132	0.160	0.958	2.29	3.73	1.22	0.664	0.278	0.238	0.138	0.166	0.122	MEAN
MAX	0.171	0.229	1.38	5.60	4.80	1.81	0.702	0.458	0.398	0.157	0.212	0.154	MAX
MIN	0.113	0.132	0.252	1.23	2.88	0.702	0.454	0.183	0.158	0.126	0.137	0.102	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.844
MAXIMUM DAILY, 5.60E ON APR 25
MINIMUM DAILY, 0.1028 ON DEC 31

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - MANUAL
LOCATION - LAT 50 17 05 N
LONG 116 56 48 W
DRAINAGE AREA, 73.3 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	365	JUL	1 780
FEB	387	AUG	740
MAR	2 670	SEP	617
APR	5 940	OCT	370
MAY	10 000	NOV	430
JUN	3 180	DEC	327

TOTAL DISCHARGE, 25 700 dam³

VASEUX CREEK ABOVE SOLCO CREEK - STATION NO. 08NM171

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.2138	0.185	0.189	0.217	2.82	10.3	2.07	0.680	0.832	0.267	0.294	0.1258	1
2	0.2158	0.168	0.189	0.218	2.85	8.47	3.05	0.618	1.27	0.273	0.568	0.1188	2
3	0.2188	0.184	0.200	0.218	2.92	8.22	2.78	0.555	0.848	0.268	0.826	0.1238	3
4	0.2198	0.171	0.203	0.217	3.36	5.27	2.18	0.525	0.650	0.263	0.848	0.1308	4
5	0.2208	0.182	0.210	0.218	4.03	4.85	1.88	0.482	0.542	0.255	0.610	0.1428	5
6	0.2218	0.188	0.203	0.251	4.45	4.55	1.81	0.443	0.498	0.252	0.428	0.1628	6
7	0.2228	0.180	0.200	0.355	4.41	4.81	1.69	0.418	0.488	0.247	0.388	0.2008	7
8	0.2278	0.183	0.197	0.331	3.83	5.01	2.23	0.398	0.448	0.248	0.322	0.2288	8
9	0.2298	0.188	0.289	0.292	3.13	4.80	2.68	0.377	0.458	0.247	0.328	0.2388	9
10	0.2308	0.182	0.484	0.272	2.84	4.30	1.98	0.704	0.520	0.238	0.322	0.2458	10
11	0.2328	0.183	0.505	0.271	2.98	3.50	1.75	3.88	0.714	0.234	0.505	0.2508	11
12	0.2228	0.185	0.406	0.270	3.14	3.11	1.62	3.85	0.600	0.232	0.497	0.2608	12
13	0.1958	0.183	0.348	0.248	3.70	2.95	1.79	1.85	0.503	0.229	0.406	0.2428	13
14	0.1768	0.185	0.313	0.260	4.19	2.81	1.83	1.33	0.480	0.227	0.376	0.2308	14
15	0.1608	0.182	0.280	0.310	4.66	4.95	1.55	1.07	0.430	0.238	0.383	0.2108	15
16	0.1658	0.184	0.278	0.398	5.69	3.83	1.58	0.895	0.384	0.226	0.508	0.1808	16
17	0.1708	0.186	0.281	0.481	5.90	3.41	1.55	0.804	0.380	0.244	0.508	0.1768	17
18	0.1758	0.186	0.282	0.661	5.18	3.33	1.33	0.739	0.374	0.254	0.453	0.1588	18
19	0.1788	0.184	0.280	0.839	5.30	2.79	1.35	0.661	0.388	0.267	0.387	0.1428	19
20	0.1808	0.180	0.248	1.03	5.50	2.61	1.28	0.619	0.384	0.285	0.394	0.1318	20
21	0.1788	0.168	0.248	1.45	11.8	2.55	1.11	0.581	0.358	0.284	0.372	0.1208	21
22	0.1738	0.182	0.242	1.75	12.9	2.50	0.978	0.512	0.351	0.338	0.358	0.1088	22
23	0.1888	0.201	0.242	2.33	15.7	2.59	0.888	0.498	0.328	0.339	0.348	0.1078	23
24	0.1828	0.285	0.234	3.47	16.0	2.61	0.832	0.482	0.313	0.278	0.333	0.1088	24
25	0.1868	0.280	0.230	3.51	16.7	2.26	1.28	0.483	0.301	0.271	0.364	0.1708	25
26	0.1888	0.245	0.226	2.84	16.7	2.15	1.65	0.458	0.288	0.271	0.334	0.2708	26
27	0.1768	0.224	0.223	2.24	16.8	2.08	1.15	0.488	0.278	0.270	0.328	0.3008	27
28	0.174	0.213	0.227	2.07	16.6	2.00	1.03	0.561	0.268	0.251	0.2908	0.2808	28
29	0.183		0.221	2.20	16.6	2.43	0.918	0.503	0.272	0.250	0.1808	0.2888	28
30	0.184		0.218	2.61	17.7	2.39	0.615	0.486	0.276	0.251	0.1408	0.3058	30
31	0.187		0.218		14.3		0.738	0.438		0.278		0.3208	31
TOTAL	5.938	5.005	8.070	31 930	282.15	114.83	49.030	28.428	14.144	8.075	12.284	8.068	TOTAL
MEAN	0.191	0.178	0.260	1.06	9.46	3.83	1.58	0.852	0.471	0.260	0.408	0.196	MEAN
MAX	0.232	0.285	0.505	3.51	16.9	10.3	3.05	3.85	1.27	0.339	0.845	0.320	MAX
MIN	0.160	0.148	0.197	0.218	2.82	2.00	0.738	0.377	0.268	0.226	0.140	0.107	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.49
MAXIMUM DAILY, 16.9 ON MAY 27
MINIMUM DAILY, 0.1078 ON DEC 23
MAXIMUM INSTANTANEOUS,
25.9 AT 22:30 PST ON MAY 27

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 14 58 N
LONG 119 15 16 W
DRAINAGE AREA, 117 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	912	JUL	4 240
FEB	432	AUG	2 280
MAR	897	SEP	1 220
APR	2 720	OCT	888
MAY	22 800	NOV	1 080
JUN	8 920	DEC	824

TOTAL DISCHARGE, 46 900 dam³

VEDDER RIVER NEAR YARROW - STATION NO. 08MH047

DAILY WATER LEVEL IN METRES FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.533	2.630	2.767	2.655	2.830	3.365	3.013	2.851	2.685	2.650	2.671	2.705	1
2	2.538	2.612	2.740	2.671	2.835	3.290	3.078	2.850	2.681	2.624	2.705	2.686	2
3	2.568	2.589	2.735	2.666	2.838	3.231	2.990	2.810	2.638	2.663	3.255	2.680	3
4	2.654	2.587	2.710	2.639	2.824	3.173	2.952	2.788	2.605	2.667	3.288	2.643	4
5	2.763	2.572	2.688	2.631	2.832	3.140	2.959	2.770	2.591	2.658	3.090	2.626	5
6	2.743	2.562	2.671	2.625	2.843	3.105	2.953	2.762	2.600	2.650	3.051	2.612	6
7	2.784	2.561	2.670	2.618	2.842	3.109	2.917	2.761	2.598	2.652	2.958	2.607	7
8	3.313	2.559	2.759	2.601	2.821	3.228	2.881	2.762	2.603	2.654	2.903	2.603	8
9	3.122	2.585	2.975	2.594	2.787	3.165	2.857	2.760	2.610	2.654	2.852	2.604	9
10	3.876	2.559	2.984	2.586	2.765	3.324	2.833	2.758	2.672	2.655	2.800	2.601	10
11	3.402	2.622	2.815	2.563	2.758	3.188	3.110	2.780	2.705	2.656	3.051	2.600	11
12	3.195	2.738	2.852	2.551	2.767	3.099	3.583	2.781	2.710	2.652	2.951	2.603	12
13	3.087	2.770	2.858	2.547	2.805	3.060	3.825	2.782	2.691	2.650	2.902	2.603	13
14	2.986	2.763	2.843	2.535	2.871	3.032	3.831	2.730	2.670	2.650	2.880	2.602	14
15	2.941	2.715	2.809	2.535	2.851	3.029	3.685	2.702	2.667	2.645	3.571	2.602	15
16	2.888	2.739	2.783	2.536	2.840	3.085	3.441	2.688	2.670	2.644	3.443	2.600	16
17	2.828	2.835	2.765	2.570	2.828	3.335	3.224	2.687	2.698	2.633	3.288	2.589	17
18	2.812	2.818	2.730	2.617	2.848	3.228	3.227	2.650	2.685	2.611	3.217	2.593	18
19	2.795	2.798	2.711	2.681	2.851	3.141	3.184	2.649	2.728	2.547	3.131	2.590	19
20	2.767	2.798	2.690	2.720	2.903	3.110	3.141	2.629	2.730	2.572	3.045	2.581	20
21	2.741	2.790	2.675	2.771	3.030	3.038	3.105	2.611	2.730	2.587	2.988	2.567	21
22	2.713	2.818	2.672	2.735	3.051	3.018	3.065	2.600	2.728	2.723	2.907	2.556	22
23	2.712	3.994	2.658	2.789	3.158	3.020	3.044	2.598	2.700	2.640	2.858	2.555	23
24	2.880	3.030	2.641	2.874	3.205	3.021	3.019	2.590	2.695	2.603	2.833	2.554	24
25	2.689	2.943	2.626	2.833	3.241	2.985	2.987	2.586	2.678	2.605	2.878	2.555	25
26	2.684	2.897	2.611	2.799	3.238	2.992	2.937	2.580	2.667	2.600	2.853	2.554	26
27	2.762	2.832	2.610	2.767	3.261	2.998	2.914	2.573	2.693	2.620	2.850	2.548	27
28	2.731	2.803	2.610	2.761	3.338	3.010	2.889	2.582	2.651	2.602	2.805	2.537	28
29	2.719		2.628	2.761	3.585	3.039	2.860	2.583	2.647	2.800	2.772	2.540	29
30	2.680		2.690	2.809	3.562	3.018	2.844	2.590	2.645	2.821	2.737	2.585	30
31	2.652		2.652		3.478		2.851	2.581		2.676		2.568	31
MEAN	2.848	2.732	2.733	2.667	2.991	3.119	3.103	2.689	2.669	2.635	2.987	2.594	MEAN
MAX	3.876	3.030	2.984	2.874	3.585	3.365	3.831	2.851	2.730	2.723	3.571	2.705	MAX
MIN	2.533	2.555	2.610	2.535	2.759	2.985	2.833	2.573	2.591	2.547	2.671	2.537	MIN

SUMMARY FOR THE YEAR 1983

WATER LEVELS IN METRES

MEAN, 2.814
MAXIMUM DAILY, 3.876 ON JAN 10
MINIMUM DAILY, 2.533 ON JAN 1

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 05 30 N
LONG 122 02 10 W

NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 5.766 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

VERNON CREEK AT INLET TO WOOD LAKE - STATION NO. 08NM005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.280	0.310	0.553	0.868	3.67	2.49	0.675	0.413	0.611	0.446	0.238	0.423	1
2	0.288	0.312	0.577	0.869	4.11	2.24	0.669	0.384	0.628	0.418	0.253	0.423	2
3	0.268	0.299	0.589	0.820	4.79	1.99	0.648	0.357	0.646	0.401	0.241	0.411	3
4	0.263	0.282	0.572	0.789	5.59	1.76	0.633	0.334	0.665	0.370	0.242	0.396	4
5	0.293	0.269	0.572	0.771	5.14	1.62	0.597	0.385	0.691	0.350	0.231	0.387	5
6	0.298	0.259	0.587	0.758	5.71	1.49	0.569	0.294	0.702	0.338	0.227	0.375	6
7	0.304	0.259	0.604	0.746	7.31	1.34	0.552	0.281	0.718	0.328	0.216	0.363	7
8	0.331	0.268	0.628	0.744	7.82	1.21	0.584	0.258	0.733	0.316	0.216	0.369	8
9	0.317	0.282	0.666	0.764	8.05	1.09	0.588	0.255	0.748	0.304	0.218	0.372	9
10	0.326	0.295	0.740	0.783	8.15	1.01	0.591	0.293	0.774	0.285	0.227	0.378	10
11	0.324	0.297	0.786	0.782	8.05	0.934	0.592	0.366	0.795	0.270	0.234	0.369	11
12	0.321	0.301	0.844	0.784	7.81	0.890	0.594	0.397	0.803	0.258	0.238	0.366	12
13	0.317	0.309	0.892	0.728	7.38	0.830	0.599	0.416	0.821	0.251	0.241	0.369	13
14	0.313	0.304	0.850	0.713	7.03	0.781	0.598	0.438	0.831	0.248	0.250	0.389	14
15	0.302	0.297	0.979	0.713	6.88	0.776	0.595	0.445	0.842	0.242	0.273	0.389	15
16	0.291	0.305	0.948	0.744	6.75	0.750	0.598	0.449	0.855	0.231	0.293	0.386	16
17	0.289	0.327	0.853	0.717	6.53	0.745	0.587	0.447	0.862	0.236	0.302	0.3458	17
18	0.291	0.323	0.861	0.724	6.32	0.759	0.569	0.447	0.850	0.237	0.312	0.3288	18
19	0.283	0.308	0.882	0.762	6.03	0.738	0.543	0.451	0.849	0.231	0.321	0.3108	19
20	0.288	0.300	0.912	0.808	5.80	0.748	0.528	0.438	0.858	0.221	0.312	0.2908	20
21	0.282	0.300	0.848	1.00	5.53	0.759	0.482	0.408	0.828	0.218	0.307	0.2758	21
22	0.285	0.312	0.845	1.14	5.30	0.760	0.400	0.418	0.788	0.221	0.315	0.2628	22
23	0.289	0.314	0.854	1.27	5.07	0.774	0.381	0.414	0.726	0.211	0.330A	0.2388	23
24	0.289	0.349	0.861	1.35	4.81	0.805	0.395	0.423	0.686	0.208	0.342	0.2408	24
25	0.292	0.423	0.855	1.82	4.57	0.804	0.433	0.420	0.618	0.207	0.363	0.2438	25
26	0.294	0.478	0.848	2.05	4.31	0.808	0.484	0.472	0.582	0.212	0.378	0.2548	26
27	0.335	0.488	0.870	2.18	4.03	0.801	0.478	0.480	0.544	0.218	0.387	0.2508	27
28	0.326	0.511	0.878	2.37	3.74	0.773	0.471	0.483	0.518	0.222	0.414	0.2488	28
29	0.312		0.876	2.70	3.42	0.745	0.483	0.488	0.496	0.231	0.447	0.2508	29
30	0.304		0.898	3.08	3.14	0.718	0.481	0.511	0.473	0.230	0.435	0.2548	30
31	0.309		0.878		2.81		0.418	0.827		0.238		0.2588	31
TOTAL	9.313	9.051	24.766	34.315	177.66	31.959	16.868	13.040	21.500	8.397	8.803	10.150	TOTAL
MEAN	0.300	0.326	0.799	1.14	5.73	1.07	0.538	0.421	0.717	0.271	0.293	0.327	MEAN
MAX	0.335	0.511	0.979	3.08	8.15	2.49	0.675	0.827	0.862	0.446	0.447	0.423	MAX
MIN	0.263	0.259	0.553	0.713	2.81	0.719	0.361	0.255	0.473	0.208	0.216	0.234	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.00
MAXIMUM DAILY, 8.15 ON MAY 10
MINIMUM DAILY, 0.208 ON OCT 24
MAXIMUM INSTANTANEOUS,
8.25 AT 08:00 PST ON MAY 10

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 02 58 N
LONG 119 24 20 W
DRAINAGE AREA, 151 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	805	JUL	1 440
FEB	785	AUG	1 130
MAR	2 140	SEP	1 880
APR	2 960	OCT	725
MAY	15 300	NOV	761
JUN	2 760	DEC	877

TOTAL DISCHARGE, 31 500 dam³

VERNON CREEK AT OUTLET OF KALAMALKA LAKE - STATION NO. 08NM065

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.90	2.30	0.771	1.59	4.28	6.64A	5.28	2.17	0.171	2.45	0.170	0.926	1
2	1.88	2.27	0.773	2.88	3.89	6.70	5.36	2.15	0.183	2.44	0.169	0.847	2
3	1.85	2.22	0.776	2.85	4.28	6.84	5.26	2.17	0.156	1.39	0.170	0.921	3
4	1.93	2.16	0.767	2.85	4.84	6.43	5.18	2.16	0.155	0.196	0.158	0.928	4
5	2.76	2.22	0.783	2.85	5.09	6.49	5.17	2.16	0.151	0.131	0.168	0.917	5
6	2.77	2.20	0.782	2.81	4.07	6.48	5.02	2.14	1.45	0.130	0.157	0.922	6
7	2.74	2.15	0.789	2.86	4.03	6.49	4.92	2.12	2.72	0.130	0.150	0.925	7
8	2.64	2.16	0.789	2.67	4.93	6.46	4.88	2.12	2.66	0.129	0.225	0.930	8
9	2.35	2.12	0.788	2.98	4.84	6.49	4.94	2.09	2.52	0.129	0.268	1.57	9
10	2.46	2.09	0.809	2.95	4.80	6.45	4.86	2.09	2.51	0.142	0.414	2.06	10
11	2.62	2.11	1.72	2.95	4.84	6.32	4.80	2.12	2.52	0.155	0.417	2.07	11
12	2.58	2.10	2.81	3.08	5.07	6.15	4.79	2.10	2.50	0.153	0.420	2.07	12
13	2.52	2.10	2.85	3.06	5.27	6.06	4.74	2.09	2.48	0.154	0.420	2.06	13
14	2.54	2.07	2.83	3.07	5.48	6.11	4.71	2.10	2.47	0.150	0.636	2.04	14
15	2.51	2.01	2.79	3.03	5.26	6.14	4.68	1.17	2.46	0.141	0.220	2.03	15
16	2.50	1.93	2.90	2.98	5.28	6.17	4.75	0.092	2.47	0.142	0.818	2.00	16
17	2.50	1.28	2.86	3.01	5.48	6.09	4.81	0.119	2.47	0.149	0.884	2.00	17
18	2.48	0.740	2.85	3.02	5.84	6.11	4.74	0.185	2.48	0.145	0.823	2.01	18
19	2.46	0.742	2.80	2.82	5.71	6.19	4.63	0.168	2.44	0.151	0.827	1.98	19
20	2.41	0.741	2.89	2.89	5.82	6.12	4.00	0.168	2.39	0.123	0.833	1.98	20
21	2.40	0.725	2.86	3.00	5.84	6.00	3.55	0.173	2.36	0.143	0.827	1.98	21
22	2.36	0.752	2.86	3.23	5.98	5.93	2.66	0.173	2.33 A	0.163	0.936	1.89	22
23	2.38	0.734	2.87	3.43	5.98	5.98	2.27	0.170	2.14	0.153	0.823	1.89	23
24	2.36	0.746	2.82	3.18	5.82	5.96	2.28	0.158	2.13	0.148	0.908	1.87	24
25	2.37	0.744	2.84	3.00	5.84	5.77	2.29	0.156	2.12	0.167	0.913	1.87	25
26	2.40	0.781	2.83	3.84	5.78	5.58	2.29	0.160	2.11	0.181	0.832	1.86	26
27	2.39	0.764	2.84	4.05	5.85	5.63	2.22	0.168	2.11	0.181	0.833	1.83	27
28	2.37	0.763	2.81	4.17	5.88	5.61	2.21	0.165	2.41	0.172	0.812	1.80	28
29	2.36		2.80	4.05	5.93	5.53	2.20	0.168	2.53	0.185	0.819	1.80	29
30	2.35		2.91	4.10	6.02	5.40	2.22	0.162	2.48	0.167	0.827	1.87	30
31	2.36		1.85		6.18		2.22	0.161		0.169		1.87	31
TOTAL	74.52	43.715	85.247	93.34	164.28	184.31	123.71	33.492	59.988	10.479	18.574	52.507	TOTAL
MEAN	2.40	1.56	2.10	3.11	5.30	6.14	3.98	1.08	2.00	0.338	0.819	1.69	MEAN
MAX	2.78	2.30	2.91	4.17	6.18	6.84	5.36	2.19	2.72	2.45	0.936	2.07	MAX
MIN	1.85	0.728	0.771	1.59	3.89	5.40	2.20	0.092	0.151	0.123	0.150	0.847	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.53
MAXIMUM DAILY, 6.84A ON JUN 1
MINIMUM DAILY, 0.092 ON AUG 16
MAXIMUM INSTANTANEOUS,
7.35 AT 10:00 PST ON JUN 1

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 14 18 N
LONG 119 15 55 W
DRAINAGE AREA, 572 km²
A - MANUAL GAUGE

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	6 440	JUL	10 700
FEB	3 780	AUG	2 890
MAR	5 640	SEP	5 180
APR	8 080	OCT	905
MAY	14 200	NOV	1 600
JUN	15 900	DEC	4 540

TOTAL DISCHARGE, 79 800 dam³

VERNON CREEK AT OUTLET OF SWALWELL LAKE - STATION NO. 08NM022

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.195E	0.191	0.413	0.218	4.00	1.24	0.720	0.723	0.892	0.118	0.115	0.118E	1
2	0.198E	0.187	0.403	0.216	4.53	1.06	0.718	0.724	0.887	0.117	0.117	0.118E	2
3	0.196E	0.187	0.388	0.222	5.48	1.12	0.717	0.722	0.887	0.118	0.117	0.118E	3
4	0.196E	0.189	0.402	0.228	5.58	1.18	0.713	0.721	0.882	0.121	0.118	0.118E	4
5	0.197A	0.189	0.403	0.197	5.28	1.14	0.713	0.717	0.878	0.123	0.114	0.118E	5
6	0.192	0.189	0.400	0.174	5.32	1.01	0.705	0.720	0.878	0.120	0.114	0.118E	6
7	0.194	0.190	0.388	0.174	5.46	0.915	0.703	0.716	0.888	0.120	0.112	0.117E	7
8	0.195	0.190	0.400	0.188	5.40	0.918	0.701	0.812	0.855	0.119	0.115	0.117E	8
9	0.195	0.187	0.401	0.188	5.14	0.915	0.697	0.882	0.882	0.118	0.112	0.117E	9
10	0.190	0.187	0.400	0.188	4.88	0.910	0.702	0.882	0.880	0.118	0.113	0.117E	10
11	0.189	0.183	0.387	0.187	4.39	0.910	0.693	0.986	0.884	0.116	0.115	0.117E	11
12	0.186	0.178	0.389	0.186	4.10	0.915	0.698	0.978	0.882	0.115	0.118	0.117E	12
13	0.188	0.176	0.389	0.170	3.87	0.906	0.700	0.976	0.856	0.115	0.117	0.117E	13
14	0.187	0.175	0.409	0.189	3.87	0.832	0.694	0.971	0.852	0.116	0.118	0.117E	14
15	0.182	0.178	0.408	0.184	3.87	0.790	0.697	0.968	0.852	0.113	0.117	0.117E	15
16	0.181	0.178	0.405	0.180	3.89	0.783	0.707	0.953	0.850	0.114	0.121	0.117E	16
17	0.182	0.177	0.398	0.159	3.78	0.785	0.704	0.949	0.840	0.114	0.119	0.117E	17
18	0.189	0.175	0.403	0.189	3.82	0.780	0.700	0.945	0.835	0.114	0.120	0.117E	18
19	0.185	0.176	0.403	0.187	3.84	0.777	0.704	0.935	0.839	0.114	0.117	0.117E	19
20	0.186	0.179	0.398	0.188	2.86	0.779	0.700	0.939	0.890	0.115	0.118	0.117E	20
21	0.183	0.182	0.403	0.188	3.09	0.777	0.699	0.937	0.271	0.114	0.115	0.117E	21
22	0.188	0.181	0.401	0.209	3.26	0.788	0.693	0.935	0.185	0.114	0.117	0.117E	22
23	0.187	0.180	0.405	0.280	3.11	0.778	0.783	0.823	0.190	0.115	0.120A	0.117E	23
24	0.186	0.298	0.403	0.280	2.92	0.779	0.837	0.826	0.188	0.117	0.118	0.117E	24
25	0.188	0.410	0.399	0.282	2.76	0.777	0.820	0.819	0.188	0.115	0.118	0.118E	25
26	0.187	0.406	0.388	0.493	2.47	0.778	0.773	0.814	0.188	0.117	0.120	0.118E	26
27	0.181	0.407	0.392	0.824	2.20	0.775	0.737	0.822	0.181	0.118	0.118	0.118E	27
28	0.178	0.413	0.288	1.81	1.87	0.771	0.735	0.815	0.186	0.115	0.118	0.118E	28
29	0.177		0.220	2.83	1.69	0.743	0.732	0.812	0.135	0.116	0.118	0.118E	29
30	0.181		0.221	3.52	1.51	0.728	0.723	0.814	0.120	0.119	0.118E	0.118E	30
31	0.186		0.218		1.38		0.726	0.801		0.118		0.118E	31
TOTAL	5.822	5.136	11.770	14.253	114.84	26.338	22.350	27.644	18.687	3.612	3.504	3.628	TOTAL
MEAN	0.188	0.219	0.380	0.476	3.71	0.878	0.721	0.889	0.622	0.117	0.117	0.117	MEAN
MAX	0.197	0.413	0.413	3.52	5.58	1.24	0.827	0.986	0.892	0.123	0.121	0.118	MAX
MIN	0.177	0.175	0.218	0.157	1.38	0.728	0.693	0.717	0.120	0.113	0.112	0.116	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.708
MAXIMUM DAILY, 5.58 ON MAY 4
MINIMUM DAILY, 0.112 ON NOV 7
MAXIMUM INSTANTANEOUS,
6.54 AT 11:21 PST ON MAY 3

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 02 35 N
LONG 119 14 35 W
DRAINAGE AREA, 82.4 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	503	JUL	1 930
FEB	530	AUG	2 380
MAR	1 020	SEP	1 610
APR	1 230	OCT	312
MAY	9 930	NOV	303
JUN	2 280	DEC	313

TOTAL DISCHARGE, 22 300 dam³

WANN RIVER NEAR ATLIN - STATION NO. 08AA015

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.27 B	1.02 B	0.830B	0.765B	0.850E	18.8	26.6	19.3	11.2	4.58	2.02	1.268	1
2	1.26 B	1.00 B	0.820B	0.750B	0.880A	25.5	27.2	18.8	11.4	3.57	1.95	1.258	2
3	1.25 B	0.980B	0.820B	0.745B	0.945	30.0	27.2	18.0	12.3	3.67	1.93	1.238	3
4	1.23 B	0.970B	0.815B	0.740B	1.02	29.5	27.0	17.8	12.9	3.81	1.89	1.178	4
5	1.20 B	0.950B	0.810B	0.740B	1.10	28.7	27.0	17.9	12.8	3.74	1.83	1.168	5
6	1.18 B	0.940B	0.810B	0.740B	1.18	23.8	26.7	17.7	11.7	3.62	1.76	1.128	6
7	1.17 B	0.935B	0.820B	0.740B	1.28	22.0	25.4	17.2	10.8	3.62	1.70	1.118	7
8	1.15 B	0.920B	0.840B	0.740B	1.45	20.5	24.0	16.8	9.88	3.52	1.65	1.108	8
9	1.14 B	0.925B	0.845B	0.725B	1.63	19.3	22.7	16.8	8.74	3.38	1.61	1.128	9
10	1.13 B	0.925B	0.850B	0.730B	1.88	18.5	21.1	17.9	7.86	3.21	1.56	1.108	10
11	1.14 B	0.927B	0.840B	0.725B	2.09	18.3	19.5	18.9	7.03	3.14	1.52	1.088	11
12	1.15 B	0.920B	0.820B	0.730B	2.38	18.3	17.9	18.7	6.49	3.07	1.49	1.068	12
13	1.16 B	0.900B	0.810B	0.730B	2.68	18.1	16.2	17.6	6.00	3.02	1.47	1.068	13
14	1.18 B	0.880B	0.820B	0.735B	3.03	17.1	15.0	16.4	5.53	2.95	1.45	1.098	14
15	1.17 B	0.870B	0.825B	0.745B	3.48	16.8	14.4	15.1	5.13	2.87	1.42	1.128	15
16	1.17 B	0.880B	0.820B	0.780B	4.12	17.2	14.3	14.2	4.78	2.78	1.38	1.158	16
17	1.18 B	0.870B	0.810B	0.785B	4.84	17.5	14.8	13.3	4.44	2.69	1.36	1.128	17
18	1.18 B	0.865B	0.800B	0.760B	5.31	17.6	15.9	11.9	4.12	2.64	1.35	1.108	18
19	1.19 B	0.870B	0.790B	0.770B	5.74	18.9	15.8	11.0	3.79	2.63	1.34	1.098	19
20	1.18 B	0.880B	0.785B	0.780B	5.95	20.6	17.2	10.1	3.57	2.58	1.32	1.078	20
21	1.14 B	0.870B	0.780B	0.785E	6.05	22.5	17.2	9.44	3.55	2.51	1.30	1.068	21
22	1.12 B	0.880B	0.780B	0.790E	6.29	23.5	17.1	9.59	3.83	2.44	1.28	1.058	22
23	1.08 B	0.885B	0.775B	0.795E	6.42	23.8	17.0	10.3	4.12	2.39	1.27	1.088	23
24	1.04 B	0.880B	0.775B	0.800E	6.45	24.6	16.4	11.0	4.32	2.37	1.27A	1.088	24
25	1.02 B	0.880B	0.770B	0.810E	6.47	26.3	15.8	11.3	4.46	2.36	1.258	1.078	25
26	1.01 B	0.870B	0.760B	0.820E	6.43	26.4	15.6	11.3	4.46	2.31	1.268	1.078	26
27	1.00 B	0.845B	0.770B	0.825E	6.37	26.4	16.0	11.3	4.25	2.26	1.258	1.068	27
28	0.990B	0.835B	0.760B	0.830E	6.27	26.3	17.1	11.1	4.07	2.26	1.248	1.038	28
29	1.00 B		0.760B	0.835E	6.44	26.3	18.2	11.1	3.84	2.21	1.238	1.028	29
30	1.01 B		0.760B	0.840E	7.53	27.0	19.1	11.3	3.69	2.15	1.248	1.008	30
31	1.00 B		0.755B		11.8		19.3	11.3		2.09		1.018	31
TOTAL	35.050	25.352	24.625	23.015	128.118	678.5	605.7	444.23	200.72	89.48	44.62	34.07	TOTAL
MEAN	1.13	0.905	0.801	0.767	4.13	22.6	19.5	14.3	6.69	2.88	1.49	1.10	MEAN
MAX	1.27	1.02	0.850	0.840	11.8	30.0	27.2	19.3	12.9	3.81	2.02	1.26	MAX
MIN	0.990	0.835	0.755	0.720	0.850	16.8	14.3	9.44	3.55	2.09	1.23	1.00	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.39
MAXIMUM DAILY, 30.0 ON JUN 3
MINIMUM DAILY, 0.720B ON APR 12
MAXIMUM INSTANTANEOUS,
30.5 AT 20:40 PST ON JUN 3

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 59 25 55 N
LONG 134 12 20 W
DRAINAGE AREA, 289 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	3 030	JUL	52 300
FEB	2 190	AUG	38 400
MAR	2 140	SEP	17 300
APR	1 990	OCT	7 720
MAY	11 100	NOV	3 860
JUN	58 600	DEC	2 940

TOTAL DISCHARGE, 202 000 dam³

WANNOCK RIVER AT OUTLET OF OWIKENO LAKE - STATION NO. 08FA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	93.0E	84.2	152	71.3	243	687	422	461	334	197	345	102	1
2	90.0E	88.6	138	89.6	257	691	403	497	365	182	324	95.5	2
3	87.0E	84.9	126	87.6	262	656	387	511	407	173	325	90.4	3
4	88.0E	79.9	114	86.3	284	593	404	503	422	181	333	85.7	4
5	85.0E	76.3	105	85.2	257	586	430	541	415	177	322	81.4	5
6	83.5A	73.5	98.0	85.3	250	706	425	490	528	188	290	77.5	6
7	88.7	69.8	92.4	87.0	247	747	405	452	585	177	263	74.6	7
8	147	87.7	88.3	88.6	236	705	378	431	605	191	241	71.6	8
9	171	85.2	110	88.7	218	744	363	450	420	198	218	88.8	9
10	174	84.2	138	87.6	202	873	377	461	382	203	200	85.1	10
11	202	77.8	146	85.5	195	785	519	461	334	211	190	85.2	11
12	258	122	147	84.0	199	868	864	445	330	219	197	87.4	12
13	288	180	140	82.0	210	572	708	418	353	225	193	71.4	13
14	261	187	132	80.6	232	510	780	408	393	232	184	79.4	14
15	214	189	127	80.0	239	518	873	385	371	238	199	81.3	15
16	190	183	120	81.7	225	536	592	368	364	235	262	80.5	16
17	175	155	111	84.5	234	526	544	363	368	214	278	76.5	17
18	173	158	104	89.5	245	501	530	352	333	208	261	74.7	18
19	188	184	98.6	77.3	244	456	527	334	291	187	244	70.7	19
20	193	149	95.1	88.0	289	418	521	322	258	173	220	86.0	20
21	185	143	91.7	97.7	300	379	514	310	237	194	198	83.6	21
22	169	139	87.7	102	318	370	492	302	227	271	178	59.8	22
23	152	144	84.2	104	345	378	461	307	221	287	161	57.0	23
24	138	195	80.2	111	378	383	447	311	218	285	150	55.6	24
25	126	210	77.2	133	417	424	450	303	213	317	140	51.8	25
26	118	200	75.3	158	430	425	454	295	267	559	137	47.9	26
27	119	183	73.1	170	416	420	490	291	304	588	134	47.9	27
28	119	167	72.2	178	433	427	527	304	280	499	128	47.6	28
29	111		70.7	187	521	432	506	321	248	413	120	46.8	29
30	104		70.0	221	654	435	475	320	220	392	111	46.8	30
31	99.8		70.3		680		460	317		384		46.4	31
TOTAL	4 656.0	3 609.4	3 237.0	2 822.6	9 828	15 567	15 298	12 233	10 183	8 184	6 543	2 119.9	TOTAL
MEAN	150	129	104	94.1	311	552	493	395	339	264	218	68.4	MEAN
MAX	288	210	152	221	680	873	780	611	585	588	345	102	MAX
MIN	83.5	84.2	70.0	80.0	195	370	363	291	213	188	111	46.4	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 281
MAXIMUM DAILY, 873 ON JUN 10
MINIMUM DAILY, 46.4 ON DEC 31
MAXIMUM INSTANTANEOUS,
891 AT 10:12 PST ON JUN 10

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 40 40 N
LONG 127 10 30 W
DRAINAGE AREA, 3 940 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	402 000	JUL	1 320 000
FEB	312 000	AUG	1 080 000
MAR	280 000	SEP	886 000
APR	244 000	OCT	707 000
MAY	832 000	NOV	585 000
JUN	1 430 000	DEC	183 000

TOTAL DISCHARGE, 8 220 000 dam³

WEST CREEK NEAR PORT LANGLEY - STATION NO. 08MH088

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.070	0.253	0.265	1.00	---	0.027	0.110	0.034	0.238	0.038	0.713	0.300	1
2	0.171	0.178	0.218	1.45	---	0.056	0.141	0.029	0.232	0.036	1.09	0.240	2
3	0.908	0.136	0.155	0.822	---	0.087	0.088	0.032	0.080	0.049	1.65	0.217	3
4	1.48	0.121	0.147A	0.430	---	0.065	0.047	0.029	0.051	0.057	1.65	0.196	4
5	2.32	0.111	0.114E	0.232	---	0.041	0.041	0.024	0.033	0.049	1.04	0.186	5
6	1.41	0.201	0.090E	0.142	---	0.056	0.041	0.020	0.036	0.053	1.09	0.183	6
7	1.89	0.280	0.150A	0.117A	---	0.024	0.045	0.020	0.043	0.096	0.948	0.136	7
8	2.43	0.252	0.412	0.082E	---	0.023	0.041	0.020	0.032	0.084	0.726	0.205	8
9	1.61	0.661	1.26	0.087A	---	0.025	0.038	0.020	0.029	0.056	0.656	0.367	9
10	2.79	0.584	1.20	0.574	---	0.044	0.039	0.035	0.120	0.048	0.589	0.462	10
11	1.21	1.11	1.25	0.372	---	0.031	0.573	0.024	0.159	0.052	0.998	0.445	11
12	0.839	1.57	0.745	---	---	0.027	1.56	0.024	0.129	0.094	0.899	0.542	12
13	0.491	1.19	0.710	---	---	0.023	1.38	0.022	0.078	0.044	0.982	0.952	13
14	0.378	0.775	0.899	---	---	0.026	1.10	0.019	0.056	0.036	1.89	0.765	14
15	0.276	0.621	0.418	---	---	0.029	0.921	0.018	0.047	0.036	2.93	0.537	15
16	0.231	0.982	0.237	---	---	0.044	0.579	0.014	0.033	0.041	2.49	0.396	16
17	0.221	1.37	0.147	---	---	0.154	0.394	0.015	0.030	0.063	1.95	0.284	17
18	0.268	1.12	0.117E	---	---	0.098	0.277	0.013	0.054	0.064	1.48	0.225	18
19	0.413	1.10	0.074E	---	0.205A	0.089	0.187	0.013	0.042	0.059	1.06	0.1688	19
20	0.426	1.86	0.049E	---	0.098	0.058	0.155	0.011	0.038	0.146	1.38	0.1308	20
21	0.307	1.02	0.038E	---	0.053	0.049	0.184	0.012	0.024	0.252	0.754	0.0988	21
22	0.243	1.36	0.038E	---	0.035	0.054	0.108	0.012	0.028	0.828	0.564	0.0818	22
23	0.222	1.26	0.029E	---	0.034	0.061	0.074	0.012	0.027	0.525	0.513	0.0438	23
24	0.356	1.81	0.047E	---	0.028	0.060	0.055	0.011	0.026	0.349	1.33	0.0248	24
25	0.489	1.01	0.014E	---	0.030	0.057	0.053	0.010	0.022	0.308	1.84	0.0818	25
26	0.723	0.678	0.011E	---	0.037	0.046	0.048	0.009	0.045	0.304	1.10	0.1688	26
27	0.881	0.577	0.008E	---	0.035	0.043	0.058	0.011	0.067	0.457	1.61	0.1308	27
28	0.538	0.342	0.049A	---	0.026	0.035	0.053	0.010	0.054	0.410	0.715	0.0988	28
29	0.329		0.953	---	0.029	0.029	0.051	0.022	0.046	0.323	0.479	0.0618	29
30	0.362		0.898	---	0.020	0.027	0.040	0.033	0.043	0.862	0.390	0.0618	30
31	0.345		0.888		0.024		0.040	0.019		0.977		0.0958	31
TOTAL	24.707	22.342	11.524	---	---	1.486	8.510	0.595	1.937	8.794	35.407	7.813	TOTAL
MEAN	0.787	0.798	0.372	---	---	0.049	0.275	0.019	0.065	0.219	1.18	0.252	MEAN
MAX	2.79	1.86	1.26	---	---	0.154	1.56	0.035	0.238	0.977	2.93	0.952	MAX
MIN	0.070	0.111	0.008	---	---	0.023	0.038	0.009	0.022	0.036	0.390	0.024	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 2.93 ON NOV 15

MAXIMUM INSTANTANEOUS,
3.48 AT 10:40 PST ON NOV 15

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 08 37 N
LONG 122 31 48 W
DRAINAGE AREA, 11.4 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	2 130	JUL	735
FEB	1 930	AUG	51.5
MAR	996	SEP	167
APR	---	OCT	587
MAY	---	NOV	3 060
JUN	127	DEC	675

WEST KETTLE RIVER AT WESTBRIDGE - STATION NO. 08NN003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	24.4	101	103	34.4	13.1 E	5.30E	---	---	---	1
2	---	---	---	25.0E	99.2	82.5	35.2	11.7 E	6.00E	---	---	---	2
3	---	---	---	42.4	97.3	70.3	34.6	10.3 E	7.40E	---	---	---	3
4	---	---	---	38.6	86.1	58.8	28.0	8.80E	8.80E	---	---	---	4
5	---	---	---	39.4	90.2	52.6	22.4	7.70E	10.0 E	---	---	---	5
6	---	---	---	29.9	103	54.0	22.7	6.80E	8.80E	---	---	---	6
7	---	---	---	34.1	104	57.0	23.4	6.90E	7.20E	---	---	---	7
8	---	---	---	45.5	110	86.5	27.4	5.10E	6.50E	---	---	---	8
9	---	---	---	38.2	94.2	57.3	33.9	4.55	8.90E	---	---	---	9
10	---	---	---	33.1	36.3	49.7	28.0	9.40E	7.30E	---	---	---	10
11	---	---	---	32.2	93.9	42.7	21.4	15.0 E	8.40E	---	---	---	11
12	---	---	---	29.7	82.9	37.6	31.3	21.5 E	10.0 E	---	---	---	12
13	---	---	---	28.2	87.8	33.1	33.5	20.0 E	9.80E	---	---	---	13
14	---	---	---	34.8	74.0	29.7	27.5	16.0 E	9.00E	---	---	---	14
15	---	---	---	27.8	78.5	43.0	22.5	13.2 E	8.50E	---	---	---	15
16	---	---	---	32.8	81.1	46.9	21.5	11.0 E	7.80E	---	---	---	16
17	---	---	---	33.3	82.6	44.4	21.8	8.40E	7.20E	---	---	---	17
18	---	---	---	26.9	83.7	41.7	21.0	7.00E	6.40E	---	---	---	18
19	---	---	---	33.3	85.0	38.5	25.0	5.80E	5.60E	---	---	---	19
20	---	---	---	39.6	87.8	39.4	22.2	4.80E	5.10E	---	---	---	20
21	---	---	---	78.8	106	30.5	23.4	4.00E	5.00E	---	---	---	21
22	---	---	---	82.8	107	37.6	21.1	3.40E	4.80E	---	---	---	22
23	---	---	---	88.9	111	31.0	20.1	3.00E	4.70E	---	---	---	23
24	---	---	---	138	118	31.2	18.5E	2.80E	4.24	---	---	---	24
25	---	---	---	164	126	31.2	18.1E	4.20E	2.92	---	---	---	25
26	---	---	---	131	136	28.9	16.5E	7.50E	2.52	---	---	---	26
27	---	---	---	116	126	20.0	19.0E	6.20E	2.88	---	---	---	27
28	---	---	---	99.8	128	22.0E	19.0E	5.40E	3.27	---	---	---	28
29	---		---	86.8	131	23.2	18.0E	5.10E	3.86	---	---	---	29
30	---		24.3	101	111	28.8E	16.7E	4.50E	3.82	---	---	---	30
31	---		24.4E		104		15.0E	4.20E		---		---	31
TOTAL	---	---	---	1 731.3	3 120.6	1 320.2	744.9	256.15	189.22	---	---	---	TOTAL
MEAN	---	---	---	57.7	101	44.0	24.0	8.26	6.31	---	---	---	MEAN
MAX	---	---	---	164	136	103	35.2	21.5	10.0	---	---	---	MAX
MIN	---	---	---	24.4	74.0	20.0	15.0	2.80	2.52	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 164 ON APR 25

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 10 12 N
LONG 118 58 26 W
DRAINAGE AREA, 1 870 km²

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	84 400
FEB	---	AUG	22 100
MAR	---	SEP	16 300
APR	150 000	OCT	---
MAY	270 000	NOV	---
JUN	114 000	DEC	---

WEST KETTLE RIVER BELOW CARMI CREEK - STATION NO. 08NN022

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.748	1.338	2.388	11.5	61.3	70.9	15.3	5.79	2.88	2.12	4.10	1.38 A	1
2	1.628	1.318	2.468	11.6	61.7	62.2	20.2	5.21	8.23	2.14	4.98	1.22 B	2
3	1.508	1.308	2.638	11.3	58.0	50.3	21.2	4.67	5.22	2.21	8.55	1.27 B	3
4	1.428	1.278	3.018	11.6	52.3	39.5	17.0	4.26	4.86	2.12	8.44	1.24 B	4
5	1.438	1.248	3.248	12.1	55.9	34.7	14.6	3.90	5.36	2.08	8.22	1.26 B	5
6	1.468	1.258	3.188	13.4	63.3	32.1	13.3	3.59	4.74	2.02	5.49	1.23 B	6
7	1.488	1.268	3.258	16.9	66.1	35.6	12.9	3.21	3.89	1.86	4.88	1.24 B	7
8	1.528	1.278	4.668	17.8	63.1	35.6	13.0	2.98	3.52	1.94	4.85	1.27 B	8
9	1.558	1.318	7.57	17.1	53.3	34.4	19.2	2.83	3.49	1.92	4.60	1.32 B	9
10	1.618	1.338	13.2	15.5	48.9	30.2	14.0	3.21	3.80	1.80	4.29	1.38 B	10
11	1.588	1.368	17.5	14 0	47.8	26.5	12.6	8.38	5.79	1.74	5.11	1.42 B	11
12	1.578	1.348	16.6	12 3A	47.5	22.2	14.8	11.2	6.56	1.73	5.40	1.47 B	12
13	1.528	1.348	14.8	12 6A	48.3	20.9	18.9	7.12	5.45	1.71	4.75	1.49 B	13
14	1.448	1.388	13.4	13.8	46.8	20.8	15.0	5.35	4.88	1.71	4.37	1.48 B	14
15	1.398	1.428	12.2	14.9	50.4	34.3	15.1	4.43	4.29	1.69	4.33	1.39 B	15
16	1.418	1.508	11.5	17.4	55.7	30.4	15.8	3.78	3.83	1.85	5.71	1.26 B	16
17	1.478	1.578	11.3	20 0	59.3	27.7	14.2	3.45	3.85	1.70	6.64	1.14 B	17
18	1.528	1.598	10.8	25.7	62.8	22 1	12 5	3.17	3.84	2.00	6.11	1.05 B	18
19	1.568	1.578	10.2	32.0	48.9	22.3	10.7	2.91	3 45	2.08	5.50	0.9908	19
20	1.528	1.588	9.78	37.8	56.1	19.7	10 9	2.83	3.16	2.19	4.98	0.9158	20
21	1.508	1.618	9.59	43 3	78.2	20.7	10 4	2.44	3.11	2.28	4.84	0.8508	21
22	1.478	1.678	9.45	47.1	78.3	18.7	8.92	2.28	3.01	2.79	4.49A	0.7658	22
23	1.458	1.838	9.74	55.7	83.9	17.7	7.94	2.14	2.89	3.48	4.35	0.7208	23
24	1.488	2.258	9.87	82.9	89.5	21.8	7.37	2.02	2.72	2.71	4.17	0.8008	24
25	1.518	2.658	9.98	94.8	91.9	21.8	7 47	2.42	2.58	2.44	4.12	0.9108	25
26	1.488	2.528	10.0	74.9	83.2	18.1	10.3	5.15	2.50	2.60	4.21	0.9958	26
27	1.448	2.458	10.5	63.3	83.1	18.1	8.21	3.87	2.42	2.55	4.07	0.9708	27
28	1.428	2.408	10.2	57.3	89.1	15.7	6.12	3.52	2.38	2.39	3.89	0.8608	28
29	1.408		10.6	54.4	93.8	15.8	5.71	3.23	2.27	2.25	3.04	1.06 B	29
30	1.418		11.0	58.4	92.7	17.8	7.55	3.11	2.19	2.18	2.48	1.22 B	30
31	1.378		11.5		81.3		6.41	2.80		3.08		1.28 B	31
TOTAL	46.25	44.87	285.68	972.4	2 050.1	866.4	391.80	125.14	115.34	67.20	146.85	35.945	TOTAL
MEAN	1.49	1.60	9.22	32.4	66.1	28.9	12.6	4.04	3.84	2.17	4.90	1.16	MEAN
MAX	1.74	2.65	17.5	94.8	93.8	70.9	21.2	11.2	6.56	3.48	8.44	1.49	MAX
MIN	1.37	1.24	2.38	11.3	47.5	15.7	6.41	2.02	2.19	1.65	2.48	0.720	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 14.1
MAXIMUM DAILY, 94.8 ON APR 25
MINIMUM DAILY, 0.7208 ON DEC 23
MAXIMUM INSTANTANEOUS,
112 AT 00:24 PST ON MAY 30

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 29 03 N
LONG 119 08 30 W
DRAINAGE AREA, 1 170 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	4 000	JUL	33 800
FEB	3 880	AUG	10 800
MAR	24 700	SEP	9 870
APR	84 000	OCT	5 810
MAY	177 000	NOV	12 700
JUN	74 900	DEC	3 110

TOTAL DISCHARGE, 445 000 dam³

WEST KETTLE RIVER NEAR MCCULLOCH - STATION NO. 08NN015

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.545B	0.484B	0.855B	0.957	8.61	35.5	7.08	2.27	1.34	0.755E	1.88	0.823B	1
2	0.520B	0.455B	0.870B	0.947	9.25	30.9	5.76	2.04	4.43	0.705E	2.72	0.665B	2
3	0.505B	0.445B	0.950B	0.928	8.71	24.5	5.80	1.79	3.23	0.730E	3.69	0.685B	3
4	0.510B	0.430B	1.08 B	0.927	8.20	19.3	7.36	1.82	2.47	0.710E	4.40	0.645B	4
5	0.515B	0.420B	1.11 B	0.934	8.99	16.9	6.47	1.45	3.51	0.687E	3.03	0.670B	5
6	0.527B	0.425B	1.08 B	1.04	10.4	16.6	5.09	1.30	2.63 A	0.684E	2.83	0.647B	6
7	0.530B	0.445B	1.12 B	1.44	12.3	18.9	5.86	1.18	2.10 E	0.645E	2.25	0.640B	7
8	0.545B	0.450B	1.16 B	1.47	11.3	20.2	5.98	1.08	1.76 E	0.643E	2.11	0.663B	8
9	0.550B	0.465B	1.30 B	1.34	9.18	19.6	5.84	0.995	1.64 E	0.641E	1.91	0.692B	9
10	0.585B	0.470B	1.84 A	1.28	8.95	17.7	5.09	1.09	1.75 E	0.638E	1.81	0.710B	10
11	0.550B	0.485B	2.89	1.18	8.82	13.1	4.95	4.12	2.30 E	0.624E	2.38	0.735B	11
12	0.535B	0.460B	2.24	1.08	8.83	10.7	5.22	3.85	4.73 E	0.610A	2.40	0.755B	12
13	0.510B	0.465B	1.83	1.05	9.14	10.3	5.16	2.44	3.82 E	0.585	2.03	0.770B	13
14	0.480B	0.470B	1.56	1.10	9.81	10.8	5.38	1.82	3.00 E	0.536	1.90	0.760B	14
15	0.445B	0.485B	1.42	1.22	10.3	22.8	7.08	1.50	2.50 E	0.535	1.92	0.745B	15
16	0.480B	0.500B	1.30	1.57	12 0	17.4	7.09	1.30	2.03 E	0.484	2.78	0.693B	16
17	0.470B	0.525B	1.24	1.84	13 0	17.0	6.45	1.15	1.84 E	0.503	2.77	0.650B	17
18	0.500B	0.545B	1.16	2.80	11.9	16.7	5.72	1.05	1.80 E	0.636	2.45	0.590B	18
19	0.505B	0.545B	1.10	3.55	10.9	10.2	4.85	0.934	1.57 E	0.701	2.18	0.530B	19
20	0.510B	0.550B	1.05	4.30	13.5	9.28	4.91	0.829	1.43 E	0.724	2.00	0.485B	20
21	0.500B	0.550B	1.01	5.11	21.5	9.52	4.47	0.750	1.39 E	0.809	1.87	0.450B	21
22	0.490B	0.570B	0.998	5.32	23.3	8.56	3.82	0.683	1.33 E	1.44	1.85A	0.425B	22
23	0.485B	0.620B	1.01	5.79	26.7	8.33	3.35	0.629	1.24 E	1.32	1.70	0.372B	23
24	0.500B	0.725B	0.998	10.7	30.8	12.5	3.07	0.584	1.18 E	0.858	1.80	0.380B	24
25	0.515B	0.880B	0.947	12.9	32.4	11.8	3.22	1.49	1.08 E	0.957	1.89	0.430B	25
26	0.510B	0.875B	0.843	9.87	30.6	8.77	4.19	3.86	1.03 E	1.15	1.81	0.488B	26
27	0.490B	0.885B	0.875	8.58	33.2	7.87	3.13	2.05	0.965E	1.05	1.55	0.480B	27
28	0.475B	0.850B	0.820	7.55	38.9	7.57	3.92	1.83	0.930E	0.880	1.47	0.490B	28
29	0.470B		0.888	7.30	43.7	8.02	4.15	1.51	0.875E	0.867	1.41	0.507B	29
30	0.480B		0.949	7.98	44.8	8.44	3.05	1.45	0.810E	0.872	1.088	0.500B	30
31	0.470B		0.957		40.0		2.52	1.17		1.82		0.660B	31
TOTAL	15.852	15.414	37.651	113.281	589.59	450.86	169.72	49.774	60.490	24.867	54.85	19.804	TOTAL
MEAN	0.505	0.551	1.21	3.78	18.4	15.0	5.47	1.61	2.02	0.802	2.16	0.607	MEAN
MAX	0.595	0.880	2.89	12.9	44.8	35.5	9.75	4.12	4.73	1.82	4.40	0.823	MAX
MIN	0.445	0.420	0.855	0.928	8.20	7.57	2.52	0.584	0.810	0.484	1.08	0.372	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.35
MAXIMUM DAILY, 44.8 ON MAY 30
MINIMUM DAILY, 0.3728 ON DEC 23
MAXIMUM INSTANTANEOUS,
65.7 AT 21:48 PST ON MAY 29

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 42 15 N
LONG 119 05 31 W
DRAINAGE AREA, 230 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 350	JUL	14 700
FEB	1 330	AUG	4 300
MAR	3 250	SEP	5 230
APR	9 790	OCT	2 150
MAY	49 200	NOV	5 810
JUN	39 000	DEC	1 820

TOTAL DISCHARGE, 138 000 dam³

WEST ROAD RIVER NEAR CINEMA - STATION NO. 08KG001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	9.108	10.48	11.08	14.48	27.5	18.6	74.4	75.2	18.8	16.4	20.3	17.08	1
2	9.158	10.68	11.08	14.98	27.8	18.5	80.4	70.9	18.9	16.6	21.8	17.08	2
3	9.208	10.88	11.08	15.18	27.3	18.7	85.1	67.3	19.2	16.8	22.2	16.88	3
4	9.208	11.28	11.08	16.08	27.5	19.6	83.4	63.3	19.3	17.0	22.3	16.78	4
5	9.208	11.38	11.08	17.08	27.2	21.9	78.3	59.1	19.3	17.0	22.4	16.58	5
6	9.258	11.38	11.08	17.7	27.2	23.2	71.9	55.3	19.0	17.1	21.9	16.48	6
7	9.208	11.38	11.08	18.3	27.3	23.9	67.1	52.3	18.7	17.3	21.3	16.38	7
8	9.158	11.38	11.08	21.3	27.5	24.8	63.8	49.2	17.9	16.9	22.4	16.28	8
9	9.108	11.38	11.18	22.7	27.5	26.3	61.5	45.7	17.7	16.8	21.9	15.68	9
10	9.258	11.38	11.08	23.2	27.3	26.7	58.3	44.3	17.6	16.8	21.8	15.58	10
11	9.258	11.38	11.08	22.6	27.1	26.5	55.2	42.9	17.3	16.6	22.0	15.48	11
12	9.308	11.38	11.18	22.0	26.7	26.9	53.2	40.9	17.4	16.6	22.1	15.58	12
13	9.358	11.48	11.28	21.4	26.3	27.0	52.2	38.9	17.4	16.9	21.4	15.58	13
14	9.358	11.58	11.38	21.0	25.4	26.4	52.0	37.5	17.5	16.6	21.4	15.18	14
15	9.408	11.68	11.38	20.6	24.6	25.5	54.7	35.6	17.6	16.6	21.2	14.98	15
16	9.308	11.78	11.38	20.5	24.4	25.6	61.3	34.2	17.3	16.7	21.9	14.58	16
17	9.458	11.78	11.48	20.8	24.6	26.2	70.8	33.0	17.5	16.6	21.8	14.08	17
18	9.558	11.88	11.58	21.7	23.7	27.9	75.5	31.3	17.5	16.7	21.2	13.88	18
19	9.608	11.88	11.58	24.4	23.1	33.4	78.5	30.2	17.8	16.9	20.6	13.48	19
20	9.608	11.98	11.78	26.2	22.7	39.9	81.2	28.8	18.0	17.0	19.6	12.88	20
21	9.608	11.88	11.98	28.2	22.6	46.9	89.2	27.4	18.3	17.1	19.08	12.28	21
22	9.658	11.78	12.08	28.7	22.3	48.0	99.0	26.4	18.2	17.1	18.98	11.68	22
23	9.708	11.58	12.18	28.8	21.5	47.1	109	24.9	18.0	17.0	18.78	11.28	23
24	9.758	11.48	12.28	28.9	20.8	44.6	113	24.1	18.1	16.8	18.48	11.18	24
25	9.608	11.48	12.38	28.7	20.1	42.7	109	23.2	18.1	16.5	18.38	10.98	25
26	9.758	11.48	12.58	29.0	19.6	41.5	104	22.0	17.8	16.5	18.18	10.98	26
27	9.658	11.38	12.68	28.9	19.5	52.3	99.7	21.4	17.3	17.5	18.08	10.88	27
28	9.808	11.18	13.18	28.6	19.5	54.1	96.2	20.8	17.0	18.6	17.98	10.78	28
29	10.0 8		13.38	28.3	19.4	59.0	93.2	20.0	16.7	19.2	17.78	10.69	29
30	10.1 8		13.78	27.6	19.2	67.2	88.0	19.6	16.5	19.3	17.18	10.48	30
31	10 2 8		13.98		18.8		81.5	19.0		19.7		10.38	31
TOTAL	293.95	318 4	363 3	688.7	746 3	1 016.7	2 440.6	1 185.7	537.8	532.6	613.5	429 4	TOTAL
MEAN	9 48	11 4	11 7	23 0	24 1	33.9	78.7	38.2	17 9	17.2	20.5	13.8	MEAN
MAX	10 2	11.9	13.9	29 0	27 8	67 2	113	76.2	19 3	19.7	22.4	17.0	MAX
MIN	9.10	10 4	11 0	14 4	18.8	18 5	52.0	19 0	16 5	16 4	17.1	10.3	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 25.1
MAXIMUM DAILY, 113 ON JUL 24
MINIMUM DAILY, 9.108 ON JAN 1
MAXIMUM INSTANTANEOUS,
115 AT 13:18 PST ON JUL 24

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 18 40 N
LONG 122 53 15 W
DRAINAGE AREA, 12 400 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	25 400	JUL	211 000
FEB	27 500	AUG	102 000
MAR	31 400	SEP	46 500
APR	59 500	OCT	46 000
MAY	64 500	NOV	53 000
JUN	87 800	DEC	37 100

TOTAL DISCHARGE, 792 000 dam³

WESTON LAKE ON SALTSPRING ISLAND - STATION NO. 08HA051

DAILY WATER LEVEL IN METRES FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	---	1.210	---	---	---	2
3	---	---	---	---	---	---	---	1.300	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	1.475	---	---	---	---	---	---	5
6	---	---	---	---	1.590	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	1.210	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	1.270	---	---	---	---	9
10	---	---	---	---	1.580	---	---	---	---	---	---	---	10
11	---	---	---	1.730	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	1.370	---	---	1.230	---	---	12
13	---	---	---	---	1.565	---	---	---	1.190	---	---	---	13
14	---	---	---	---	---	1.380	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	1.260	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	1.365	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	---	1.230	---	---	19
20	---	---	---	1.680	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	1.170	---	---	---	22
23	---	---	---	---	---	---	1.338	1.230	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	1.280	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	---	---	---	1.500	---	---	---	1.170	---	---	---	28
29	---		---	---	---	---	---	---	---	---	---	---	29
30	---		---	1.620	---	1.410	---	---	---	---	---	---	30
31	---		---		---		---	---		1.270		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - MANUAL
LOCATION - LAT 48 47 00 N
LONG 123 25 40 W
DATA CONTRIBUTED BY -
BRITISH COLUMBIA MINISTRY OF ENVIRONMENT

NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

WHIPSAW CREEK BELOW LAMONT CREEK - STATION NO. 08NL036

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.1758	0.217	0.237	0.340	2.05	4.41	0.983	0.388	0.332	0.196	0.193	0.1658	1
2	0.199	0.219	0.234	0.335	2.12	3.77	1.23	0.375	0.354	0.193	0.207	0.1628	2
3	0.202	0.212	0.236	0.333	2.07	3.28	1.00	0.362	0.284	0.192	0.444	0.1618	3
4	0.205	0.1878	0.240	0.340	2.09	2.89	0.889	0.346	0.252	0.203	0.494	0.1618	4
5	0.214	0.1768	0.230	0.350	2.29	2.68	0.805	0.335	0.238	0.203	0.349	0.1628	5
6	0.198	0.1908	0.233	0.382	2.43	2.48	0.763	0.322	0.225	0.194	0.297	0.1688	6
7	0.219	0.2108	0.232	0.415	2.33	2.37	0.729	0.308	0.216	0.189	0.271	0.1728	7
8	0.354	0.213	0.239	0.420	2.28	2.21	0.735	0.303	0.212	0.187	0.249	0.1858	8
9	0.332	0.205	0.280	0.411	2.03	2.01	0.717	0.295	0.214	0.186	0.240	0.2058	9
10	0.384	0.199	0.364	0.399	1.92	2.04	0.688	0.304	0.254	0.185	0.232	0.2308	10
11	0.382	0.201	0.374	0.386	2.01	1.85	0.664	0.386	0.329	0.180	0.235	0.241	11
12	0.348	0.201	0.343	0.375	2.15	1.68	1.12	0.382	0.282	0.182	0.235	0.240	12
13	0.306	0.205	0.337	0.368	2.36	1.56	0.935	0.310	0.252	0.181	0.230	0.227	13
14	0.282	0.208	0.327	0.366	2.51	1.44	1.03	0.285	0.233	0.178	0.225	0.216	14
15	0.272	0.208	0.322	0.383	2.51	1.45	0.989	0.270	0.225	0.181	0.228	0.209	15
16	0.307	0.206	0.325	0.427	2.68	1.28	0.809	0.258	0.215	0.183	0.255	0.206	16
17	0.251	0.209	0.325	0.492	2.82	1.57	0.683	0.251	0.212	0.182	0.263	0.1958	17
18	0.244	0.223	0.321	0.630	2.79	1.37	0.747	0.242	0.215	0.181	0.256	0.1888	18
19	0.239	0.214	0.316	0.788	2.98	1.24	0.673	0.237	0.213	0.181	0.239	0.1828	19
20	0.234	0.211	0.325	0.964	2.82	1.14	0.725	0.224	0.216	0.189	0.228	0.1808	20
21	0.230	0.212	0.338	1.16	4.60	1.09	0.675	0.221	0.218	0.181	0.228	0.1858	21
22	0.231	0.210	0.331	1.26	4.90	1.08	0.602	0.216	0.212	0.224	0.220	0.1408	22
23	0.228	0.223	0.329	1.46	5.38	1.18	0.570	0.224	0.208	0.238	0.211	0.1348	23
24	0.227	0.254	0.321	1.87	5.77	1.41	0.586	0.259	0.201	0.208	0.212	0.1338	24
25	0.223	0.260	0.317	1.89	6.04	1.11	0.563	0.230	0.203	0.203	0.224	0.1458	25
26	0.221	0.252	0.316	1.60	5.78	1.07	0.571	0.213	0.195	0.197	0.213	0.1708	26
27	0.222	0.249	0.318	1.44	5.54	1.07	0.529	0.210	0.192	0.194	0.210	0.1758	27
28	0.221	0.243	0.312	1.44	5.60	0.928	0.494	0.224	0.182	0.187	0.210	0.1678	28
29	0.218		0.317	1.55	5.93	1.02	0.458	0.238	0.195	0.188	0.178	0.1808	29
30	0.218		0.341	1.88	5.53	0.979	0.435	0.240	0.197	0.190	0.1708	0.2058	30
31	0.219		0.346		4.99		0.409	0.226		0.191		0.2408	31
TOTAL	7.805	6.017	9.426	24.434	108.30	53.638	22.826	8.645	6.988	5.957	7.442	5.711	TOTAL
MEAN	0.252	0.215	0.304	0.814	3.49	1.79	0.736	0.279	0.233	0.192	0.248	0.184	MEAN
MAX	0.384	0.260	0.374	1.89	6.04	4.41	1.23	0.388	0.354	0.238	0.494	0.241	MAX
MIN	0.175	0.178	0.230	0.333	1.92	0.928	0.409	0.210	0.192	0.178	0.170	0.133	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.732
MAXIMUM DAILY, 6.04 ON MAY 25
MINIMUM DAILY, 0.1338 ON DEC 24
MAXIMUM INSTANTANEOUS,
6.97 AT 21:00 PST ON MAY 29

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 22 09 N
LONG 120 34 11 W
DRAINAGE AREA, 185 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	674	JUL	1 970
FEB	520	AUG	747
MAR	814	SEP	604
APR	2 110	OCT	515
MAY	9 350	NOV	643
JUN	4 830	DEC	493

TOTAL DISCHARGE, 23 100 dam³

WHITEMAN CREEK ABOVE BOULEAU CREEK - STATION NO. 08NM174

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.092	0.096	0.252	0.552	4.97	5.17	0.684	0.253	0.178	0.129	0.133	0.2008	1
2	0.094	0.092	0.237	0.556	5.44	5.08	0.744	0.229	0.350	0.132	0.183	0.2218	2
3	0.094	0.0908	0.223	0.544	5.38	4.23	0.696	0.210	0.317	0.133	0.220	0.2438	3
4	0.087	0.0858	0.212	0.524	5.10	3.61	0.641	0.194	0.249	0.129	0.253	0.2518	4
5	0.092	0.0838	0.201	0.527	5.28	2.98	0.594	0.183	0.255	0.127	0.227	0.2508	5
6	0.094	0.0838	0.200	0.555	5.58	2.61	0.573	0.169	0.232	0.126	0.204	0.244	6
7	0.095	0.0848	0.204	0.648	5.82	2.30	0.580	0.152	0.196	0.125	0.189	0.199	7
8	0.102	0.088	0.238	0.673	5.36	2.10	0.557	0.148	0.182	0.125	0.178	0.191	8
9	0.102	0.087	0.432	0.611	4.74	1.87	0.581	0.148	0.180	0.124	0.171	0.180	9
10	0.108	0.085	0.942	0.558	4.35	1.73	0.527	0.166	0.205	0.122	0.176	0.179	10
11	0.118	0.085	1.08	0.507	4.20	1.58	0.485	0.258	0.300	0.119	0.189	0.176	11
12	0.107	0.094	0.847	0.466	4.19	1.45	0.486	0.257	0.295	0.118	0.196	0.173	12
13	0.103	0.106	0.718	0.440	4.54	1.37	0.539	0.215	0.261	0.118	0.194	0.168	13
14	0.101	0.103	0.619	0.433	4.88	1.23	0.559	0.183	0.235	0.119	0.201	0.164	14
15	0.100	0.103	0.565	0.461	5.69	1.27	0.519	0.180	0.205	0.124	0.241	0.158	15
16	0.1018	0.107	0.538	0.535	7.24	1.21	0.512	0.147	0.193	0.126	0.333	0.1528	16
17	0.101	0.116	0.517	0.655	7.15	1.20	0.506	0.137	0.199	0.133	0.393	0.1518	17
18	0.101	0.128	0.508	0.840	6.58	1.26	0.475	0.133	0.205	0.145	0.367	0.1518	18
19	0.103	0.131	0.500	1.06	6.08	1.09	0.432	0.127	0.203	0.143	0.321	0.1528	19
20	0.100	0.136	0.466	1.33	5.56	1.07	0.423	0.119	0.190	0.150	0.301	0.152	20
21	0.100	0.134	0.434	1.92	8.45	1.18	0.393	0.114	0.183	0.151	0.280	0.1508	21
22	0.099	0.134	0.406	2.36	8.30	1.05	0.355	0.108	0.177	0.152	0.255	0.1468	22
23	0.097	0.148	0.395	2.68	8.59	1.00	0.330	0.105	0.168	0.149	0.243	0.1428	23
24	0.095	0.214	0.383	4.43	8.91	1.03	0.330	0.103	0.158	0.143	0.218	0.1408	24
25	0.093	0.285	0.376	4.98	8.98	0.994	0.333	0.145	0.148	0.140	0.253	0.1388	25
26	0.097	0.293	0.370	4.20	8.20	0.879	0.351	0.206	0.141	0.142	0.247	0.1378	26
27	0.111	0.282	0.407	4.06	8.77	0.805	0.317	0.167	0.138	0.142	0.235	0.1378	27
28	0.112	0.268	0.432	3.80	8.74	0.748	0.305	0.151	0.132	0.143	0.221	0.1368	28
29	0.102		0.480	3.79	8.52	0.710	0.285	0.141	0.132	0.139	0.189	0.1408	29
30	0.100		0.531	4.45	7.98	0.709	0.258	0.137	0.130	0.135	0.1928	0.1508	30
31	0.099		0.536		7.09		0.236	0.128		0.138		0.1758	31
TOTAL	3.098	3.749	14.225	49.144	203.46	54.473	14.606	5.090	5.134	4.138	6.983	5.346	TOTAL
MEAN	0.100	0.134	0.459	1.64	6.56	1.82	0.471	0.164	0.204	0.133	0.233	0.172	MEAN
MAX	0.118	0.285	1.08	4.98	8.98	5.17	0.744	0.257	0.350	0.152	0.393	0.251	MAX
MIN	0.087	0.083	0.200	0.433	4.19	0.709	0.236	0.103	0.130	0.118	0.133	0.136	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.01
MAXIMUM DAILY, 8.98 ON MAY 25
MINIMUM DAILY, 0.083B ON FEB 5
MAXIMUM INSTANTANEOUS,
10.5 AT 21:40 PST ON MAY 24

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 12 44 N
LONG 119 32 28 W
DRAINAGE AREA, 112 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	268	JUL	1 260
FEB	324	AUG	440
MAR	1 230	SEP	536
APR	4 250	OCT	358
MAY	17 500	NOV	603
JUN	4 710	DEC	462

TOTAL DISCHARGE, 32 000 dam³

WILLIAMS LAKE NEAR WILLIAMS LAKE - STATION NO. 08NC023

DAILY WATER LEVEL IN METRES FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.002E	1.050E	1.112A	1.122	1.100	1.048	1.014	0.835	0.830	0.758	0.803	0.859	1
2	1.004E	1.048L	1.118E	1.121	1.102	1.047	1.011	0.830	0.830	0.758	0.805	0.854	2
3	1.005E	1.048A	1.114E	1.121	1.102	1.045	1.011	0.821	0.830	0.759	0.809	0.850	3
4	1.007E	1.046E	1.110E	1.121	1.104	1.042	1.009	0.814	0.825	0.759	0.807	0.859	4
5	1.008A	1.044E	1.106E	1.120	1.102	1.039	1.005	0.809	0.821	0.759	0.810	0.857	5
6	1.011E	1.042E	1.100E	1.120	1.102	1.033	1.001	0.804	0.814	0.757	0.808	0.856	6
7	1.014E	1.040E	1.096A	1.122	1.101	1.029	1.000	0.800	0.808	0.756	0.809	0.851	7
8	1.017E	1.038A	1.093E	1.119	1.101	1.025	0.995	0.798	0.806	0.755	0.810	0.859	8
9	1.020E	1.036E	1.090E	1.118	1.100	1.022	0.992	0.802	0.807	0.752	0.813	0.858	9
10	1.023E	1.035E	1.093E	1.117	1.099	1.012	0.988	0.804	0.803	0.752	0.816	0.857	10
11	1.026E	1.034A	1.096A	1.117	1.098	1.007	0.987	0.898	0.802	0.751	0.821	0.856	11
12	1.028E	1.042E	1.100E	1.116	1.095	1.006	0.985	0.895	0.800	0.751	0.820	0.856	12
13	1.032E	1.051E	1.105E	1.116	1.094	1.000	0.981	0.895	0.799	0.751	0.816	0.856	13
14	1.035E	1.060E	1.110A	1.115	1.093	0.995	0.974	0.895	0.799	0.750	0.820	0.855	14
15	1.038E	1.068A	1.110A	1.111	1.092	0.991	0.970	0.894	0.797	0.750	0.824	0.868	15
16	1.041E	1.077E	1.115E	1.109	1.083	0.988	0.966	0.893	0.796	0.750	0.825	0.859	16
17	1.042A	1.086A	1.120A	1.104	1.087	0.985	0.964	0.894	0.796	0.759	0.825	0.856	17
18	1.043E	1.086E	1.125E	1.100	1.102	1.003	0.962	0.890	0.794	0.764	0.827	0.855	18
19	1.044E	1.087E	1.130E	1.096	1.108	1.004	0.959	0.884	0.792	0.764	0.826	0.855	19
20	1.045E	1.087E	1.135E	1.094	1.112	1.008	0.960	0.877	0.790	0.763	0.828	0.855	20
21	1.048A	1.088E	1.139A	1.090	1.115	1.015	0.960	0.874	0.788	0.765	0.829	0.856	21
22	1.045E	1.088A	1.136	1.088	1.114	1.014	0.958	0.870	0.786	0.764	0.829	0.855	22
23	1.047E	1.088E	1.132	1.088	1.111	1.019	0.957	0.868	0.784	0.765	0.832	0.855	23
24	1.048E	1.104E	1.130	1.089	1.108	1.016	0.953	0.861	0.783	0.765	0.827	0.854	24
25	1.048E	1.112A	1.128	1.091	1.100	1.018	0.951	0.858	0.784	0.768	0.847	0.854	25
26	1.048A	1.114E	1.126	1.091	1.092	1.020	0.956	0.855	0.779	0.775	0.853	0.854	26
27	1.049E	1.115E	1.120	1.093	1.085	1.021	0.955	0.848	0.775	0.769	0.858	0.852	27
28	1.049E	1.119E	1.119	1.096	1.078	1.020	0.948	0.844	0.770	0.780	0.860	0.853	28
29	1.049E		1.118	1.097	1.087	1.017	0.945	0.840	0.765	0.782	0.858	0.855	29
30	1.050E		1.119	1.098	1.080	1.018	0.945	0.836	0.781	0.795	0.861	0.856	30
31	1.050A		1.120		1.053		0.940	0.832		0.787		0.880	31
MEAN	1.033	1.089	1.115	1.107	1.096	1.017	0.974	0.884	0.787	0.784	0.826	0.857	MEAN
MAX	1.050	1.119	1.139	1.122	1.115	1.048	1.014	0.935	0.830	0.787	0.861	0.861	MAX
MIN	1.002	1.034	1.088	1.088	1.053	0.985	0.940	0.832	0.781	0.750	0.803	0.852	MIN

SUMMARY FOR THE YEAR 1983

WATER LEVELS IN METRES

MEAN, 0.981
MAXIMUM DAILY, 1.139A ON MAR 21
MINIMUM DAILY, 0.750 ON OCT 14
MAXIMUM INSTANTANEOUS,
1.140 AT 12:40 PST ON MAR 21

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 07 18 N
LONG 122 05 55 W

A - MANUAL GAUGE
E - ESTIMATED
REGULATED

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 565.660 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

WILLIAMS LAKE RIVER AT OUTLET OF WILLIAMS LAKE - STATION NO. 08NC005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.21	1.46	1.72	2.22	2.43E	2.41	1.82	0.674	0.018	0.020	0.033	0.105	1
2	1.24	1.40	1.67	2.21	2.48E	2.31	1.80	0.678	0.021	0.015	0.041	0.098	2
3	1.20	1.40	1.68	2.20	2.50E	2.28	1.83	0.670	0.014	0.013	0.042	0.107	3
4	1.22	1.33	1.70	2.18	2.55E	2.21	1.49	0.612	0.013	0.014	0.035	0.111	4
5	1.22	1.32	1.89	2.21	2.64A	2.23	1.52	0.538	0.012	0.012	0.034	0.116	5
6	1.24	1.33	1.88	2.19A	2.58	2.18	1.47	0.504	0.013	0.012	0.029	0.148	6
7	1.29	1.30	1.76	2.25E	2.57	2.14	1.44	0.485	0.010	0.013	0.026	0.167	7
8	1.26	1.33	1.73	2.32E	2.54	2.04	1.38	0.432	0.017	0.012	0.030	0.153	8
9	1.25	1.35	1.71	2.28E	2.53	1.95	1.41	0.397	0.008	0.012	0.032	0.130	9
10	1.25	1.40	1.72	2.29E	2.55	1.90	1.38	0.400	0.008	0.012	0.028	0.122	10
11	1.27	1.46	1.76	2.29E	2.56	1.86	1.35	0.336	0.010	0.011	0.029	0.136	11
12	1.26	1.48	1.74	2.29E	2.56	1.85	1.32	0.235	0.006	0.012	0.026	0.137	12
13	1.27	1.51	1.73	2.29E	2.56	1.79	1.28	0.071	0.006	0.010	0.024	0.113	13
14	1.28	1.51	1.77	2.31E	2.55	1.75	1.19	0.054	0.006	0.008	0.021	0.110	14
15	1.26	1.56	1.78	2.34E	2.55	1.73	1.12	0.048	0.005	0.008	0.023	0.121	15
16	1.25	1.58	1.78	2.38E	2.56	1.71	1.11	0.039	0.023	0.008	0.023	0.1229	16
17	1.27	1.57	1.79	2.37E	2.55	1.72	1.08	0.039	0.017	0.023	0.023	0.1148	17
18	1.32	1.57	1.81	2.38E	2.59	1.80	1.03	0.038	0.012	0.013	0.023	0.1068	18
19	1.32	1.56	1.89	2.37E	2.63	1.77	0.997	0.037	0.008	0.013	0.020	0.0888	19
20	1.31	1.56	1.86	2.36E	2.65	1.77	1.02	0.040	0.008	0.012	0.017	0.0908	20
21	1.36	1.55	1.89	2.37E	2.74	1.81	1.01	0.038	0.004	0.011	0.018	0.0838	21
22	1.36	1.55	2.07	2.41E	2.75	1.80	0.988	0.026	0.003	0.011	0.021	0.0788	22
23	1.41	1.59	2.10	2.43E	2.75	1.80	0.956	0.024	0.002	0.008	0.027	0.0708	23
24	1.42	1.63	2.11	2.45E	2.75	1.82	0.937	0.022	0.002	0.012	0.033	0.0648	24
25	1.43	1.66	2.19	2.47E	2.74	1.82	0.919	0.019	0.022	0.014	0.048	0.0588	25
26	1.46	1.70	2.16	2.48E	2.66	1.87	0.883	0.037	0.050	0.076	0.076	0.0608	26
27	1.46	1.67	2.22	2.50E	2.65	1.88	0.831	0.022	0.053	0.055	0.120	0.0838	27
28	1.47	1.68	2.22	2.49E	2.58	1.84	0.840	0.022	0.054	0.048	0.116	0.0869	28
29	1.43		2.22	2.46E	2.60	1.73	0.813	0.018	0.056	0.046	0.103	0.0898	29
30	1.44		2.22	2.43E	2.39	1.80	0.708	0.018	0.037	0.046	0.111	0.0728	30
31	1.47		2.19		2.41		0.695	0.018		0.039		0.0768	31
TOTAL	41.03	42.03	58.84	70.20	78.94	57.80	36.105	8.593	0.616	0.824	1.232	3.184	TOTAL
MEAN	1.32	1.50	1.88	2.34	2.58	1.93	1.15	0.213	0.017	0.020	0.041	0.102	MEAN
MAX	1.47	1.70	2.22	2.50	2.75	2.41	1.82	0.678	0.056	0.076	0.120	0.167	MAX
MIN	1.20	1.30	1.67	2.18	2.39	1.71	0.695	0.018	0.002	0.008	0.017	0.068	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.09
MAXIMUM DAILY, 2.75 ON MAY 22
MINIMUM DAILY, 0.002 ON SEP 23
MAXIMUM INSTANTANEOUS,
2.90 AT 14:07 PST ON MAY 22

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 07 31 N
LONG 122 06 31 W
DRAINAGE AREA, 2 240 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 540	JUL	3 120
FEB	3 630	AUG	670
MAR	5 070	SEP	44.9
APR	6 070	OCT	53.9
MAY	6 810	NOV	107
JUN	4 990	DEC	273

TOTAL DISCHARGE, 34 400 dam³

WILLISTON LAKE AT INGENIKA POINT - STATION NO. 07EA005

DAILY WATER LEVEL IN METRES FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	38.219E	37.265E	38.963E	38.613E	38.617E	38.638E	41.997	42.265	42.127	41.214	40.371	39.578E	1
2	38.144E	37.357E	38.953E	38.612E	38.668E	38.659E	42.061	42.227	42.155	41.188	40.352	39.541E	2
3	38.139E	37.265E	38.937E	38.609E	38.902E	39.043E	42.176	42.206	42.085	41.157	40.326	39.513E	3
4	38.073E	37.237E	38.928E	38.608E	38.936E	39.229E	42.238	42.177	42.040	41.108	40.303	39.485E	4
5	38.024E	37.319E	38.914E	38.604E	38.983E	39.404E	42.261	42.155	42.037	41.072	40.280	39.448E	5
6	37.958E	37.309E	38.901E	38.602E	37.035E	39.544E	42.234	42.148	42.022	41.034	40.215	39.420E	6
7	37.927E	37.260E	38.888E	38.600E	37.075E	39.673E	42.271	42.127	42.001	41.021	40.180	39.390E	7
8	37.885E	37.270E	38.873E	38.600E	37.141E	39.780E	42.285	42.105	41.976	40.954	40.180	39.364E	8
9	37.799E	37.261E	38.859E	38.600E	37.202E	39.863	42.284	42.103	41.957	40.883	40.125	39.200E	9
10	37.712E	37.234E	38.839E	38.615E	37.260E	39.878	42.286	42.085	41.928	40.858	40.064	39.193E	10
11	37.720E	37.225E	38.822E	38.607E	37.288E	40.057	42.257	42.097	41.915	40.840	40.045	39.167E	11
12	37.735E	37.213E	38.819E	38.572E	37.278E	40.206	42.208	42.130	41.890	40.797	39.992	39.076E	12
13	37.719E	37.193E	38.808E	38.564E	37.290E	40.328	42.173	42.156	41.852	40.734	39.941	38.980E	13
14	37.683E	37.172E	38.784E	38.531E	37.318E	40.441	42.144	42.170	41.829	40.705	39.918	38.930E	14
15	37.676E	37.151E	38.733E	38.518E	37.345E	40.583	42.150	42.208	41.793	40.711	39.933E	38.826E	15
16	37.659E	37.137E	38.778E	38.503E	37.368E	40.679	42.166	42.228	41.736	40.693	39.884E	38.821E	16
17	37.634E	37.131E	38.767E	38.493E	37.402E	40.768	42.141	42.215	41.713	40.658	39.858E	38.804E	17
18	37.612E	37.117E	38.758E	38.484E	37.441E	40.833	42.127	42.251	41.678	40.726	39.828E	38.792E	18
19	37.576E	37.098E	38.744E	38.481E	37.478E	40.920	42.088	42.268	41.662	40.724	39.825E	38.692E	19
20	37.549E	37.078E	38.730E	38.482E	37.522E	41.084	42.110	42.267	41.626	40.715	39.808E	38.630E	20
21	37.532E	37.058E	38.726E	38.484E	37.568E	41.172	42.173	42.284	41.577	40.685	39.772E	38.585E	21
22	37.519E	37.044E	38.717E	38.488E	37.655E	41.268	42.223	42.277	41.541	40.588	39.738E	38.489E	22
23	37.501E	37.031E	38.708E	38.504E	37.724E	41.359	42.216	42.287	41.484	40.582	39.718E	38.427E	23
24	37.473E	37.010E	38.692E	38.524E	37.784E	41.466	42.173	42.264	41.532	40.530	39.688E	38.393E	24
25	37.454E	36.998E	38.678E	38.503E	37.844E	41.593	42.188	42.244	41.511	40.590	39.661E	38.393E	25
26	37.435E	36.987E	38.670E	38.598E	37.918E	41.715	42.242	42.230	41.371	40.522	39.648E	38.239E	26
27	37.418E	36.988E	38.661E	38.630E	37.991E	41.808	42.241	42.225	41.314	40.515	39.647E	38.184E	27
28	37.401E	36.976E	38.648E	38.663E	38.051E	41.880	42.274	42.179	41.315	40.506	39.649E	38.139E	28
29	37.388E		38.638E	38.708E	38.126E	41.908	42.283	42.176	41.280	40.474	39.638E	38.064E	29
30	37.382E		38.628E	38.782E	38.244E	41.958	42.285	42.162	41.250	40.438	39.608E	38.018E	30
31	37.376E		38.614E		38.418E		42.266	42.143		40.378		37.987E	31
MEAN	37.688	37.187	38.780	38.574	37.480	40.534	42.200	42.194	41.742	40.788	39.840	38.631	MEAN
MAX	38.219	37.385	38.963	38.783	38.418	41.958	42.286	42.284	42.155	41.214	40.371	39.578	MAX
MIN	37.376	36.976	38.614	38.481	38.617	38.638	41.997	42.095	41.250	40.378	39.608	37.987	MIN

SUMMARY FOR THE YEAR 1983

WATER LEVELS IN METRES

MEAN, 39.328
MAXIMUM DAILY, 42.286 ON JUL 10
MINIMUM DAILY, 36.481E ON APR 19
MAXIMUM INSTANTANEOUS,
42.380 AT 17:55 PST ON JUL 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 47 19 N
LONG 124 02 27 W

E - ESTIMATED

REGULATED SINCE 1967

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

WILLISTON LAKE AT LOST CABIN CREEK - STATION NO. 07EF002

DAILY WATER LEVEL IN METRES FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	38.197E	37.332	38.830	38.580	38.784	38.805	41.973	42.320	42.115	41.191	40.327	39.612	1
2	38.163E	37.324	38.820	38.579	38.838	38.825	42.051	42.194	42.080	41.153	40.241	39.575	2
3	38.117E	37.312	38.804	38.576	38.889	38.810	42.137	42.181	42.049	41.118	40.322	39.547	3
4	38.050E	37.304	38.885	38.573	38.903	38.198	42.206	42.156	42.018	41.083	40.205	39.519	4
5	38.003E	37.286	38.881	38.571	38.949	39.371	42.216	42.134	41.996	41.037	40.281	39.480	5
6	37.935E	37.278	38.868	38.588	38.992	39.511	42.222	42.116	41.980	40.999	40.259	39.454	6
7	37.909E	37.267	38.858	38.578	37.042	39.640	42.227	42.102	41.962	40.986	40.226	39.334E	7
8	37.863E	37.237	38.840	38.573	37.108	39.746	42.259	42.090	41.953	40.926	40.191	39.298E	8
9	37.777E	37.228	38.828	38.578	37.189	39.835	42.256	42.082	41.926	40.890	40.174	39.234E	9
10	37.680E	37.201	38.805	38.582	37.317	39.931	42.222	42.087	41.903	40.838	40.120	39.227E	10
11	37.698E	37.192	38.789	38.574	37.331	40.059	42.188	42.087	41.871	40.789	40.085	39.191E	11
12	37.713E	37.178	38.788	38.540	37.245	40.187	42.158	42.113	41.841	40.763	40.081	39.110E	12
13	37.678A	37.169	38.778	38.508	37.287	40.305	42.149	42.134	41.819	40.742	40.029	38.984E	13
14	37.680	37.139	38.761	38.498	37.285	40.419	42.139	42.159	41.788	40.710	40.002	38.964E	14
15	37.643	37.118	38.760	38.486	37.312	40.529	42.138	42.171	41.762	40.687	39.987	38.889E	15
16	37.626	37.104	38.745	38.470	37.336	40.633	42.113	42.183	41.727	40.657	39.916	38.855E	16
17	37.601	37.086	38.734	38.480	37.369	40.732	42.088	42.206	41.684	40.631	39.892	38.838E	17
18	37.578	37.084	38.722	38.461	37.408	40.822	42.080	42.214	41.653	40.599	39.870	38.828E	18
19	37.565	37.086	38.711	38.448	37.446	40.929	42.085	42.230	41.611	40.586	39.858	38.728E	19
20	37.516	37.043	38.701	38.449	37.489	41.030	42.107	42.243	41.570	40.576	39.843	38.684E	20
21	37.495	37.023	38.695	38.461	37.553	41.135	42.148	42.251	41.538	40.582	39.806	38.629E	21
22	37.446	37.011	38.684	38.455	37.622	41.2958	42.187	42.243	41.494	40.567	39.773	38.533E	22
23	37.458	36.998	38.673	38.471	37.681	41.370E	42.198	42.224	41.455	40.561	39.752	38.481E	23
24	37.440	36.977	38.658	38.481	37.751	41.424A	42.193	42.207	41.408	40.548	39.730	38.400E	24
25	37.431	36.983	38.643	38.529	37.811	41.512	42.178	42.206	41.389	40.530	39.695	38.328E	25
26	37.402	36.964	38.637	38.583	37.863	41.644	42.195	42.181	41.363	40.505	39.683	38.273E	26
27	37.385	36.956	38.624	38.597	37.958	41.741	42.230	42.172	41.333	40.470	39.661	38.218E	27
28	37.366	36.943	38.616	38.630	38.018	41.815	42.243	42.181	41.302	40.430	39.643	38.173E	28
29	37.363		38.602	38.678	38.083	41.884	42.256	42.165	41.266	40.388	39.670	38.116E	29
30	37.350		38.593	38.730	38.211	41.905	42.250	42.119	41.227	40.350	39.640	38.048E	30
31	37.343		38.581		38.366		42.238	42.114		40.383		38.001E	31
MEAN	37.681	37.134	38.749	38.581	37.427	40.488	42.170	42.188	41.702	40.718	39.974	38.855	MEAN
MAX	38.197	37.332	38.830	38.730	38.366	41.905	42.269	42.251	42.115	41.191	40.241	39.612	MAX
MIN	37.343	36.943	38.581	38.448	38.784	38.805	41.973	42.082	41.227	40.383	39.640	38.001	MIN

SUMMARY FOR THE YEAR 1983

WATER LEVELS IN METRES

MEAN, 39.313
MAXIMUM DAILY, 42.269 ON JUL 8
MINIMUM DAILY, 38.448 ON APR 19
MAXIMUM INSTANTANEOUS,
42.369 AT 14:27 PST ON JUL 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 02 59 N
LONG 123 44 44 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED SINCE 1967

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

WILLISTON LAKE AT BATTEN ARM - STATION NO 07EB007

DAILY WATER LEVEL IN METRES FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	38.281	37.430	36.998	36.649	38.834	38.680	42.067	42.262	42.178	41.260	40.377	39.550	1
2	38.287	37.414	36.993	36.650	38.678	42.140	42.239	42.118	41.187	40.340	39.501	2
3	38.194	37.397	36.988	36.647	38.689	39.056	42.223	42.215	42.109	41.163	40.305	39.478	3
4	38.103	37.390	36.981	36.638	38.954	39.239	42.262	42.199	42.061	41.128	40.295	39.448	4
5	38.032	37.364	36.969	36.631	38.899	39.406	42.298	42.184	42.049	41.080	40.277	39.418	5
6	37.978	37.348	36.934	36.638	37.038	39.588	42.310	42.186	42.025	41.063	40.272	39.393	6
7	37.928	37.328	36.921	36.636	37.068	39.796	42.306	42.186	42.022	41.019	40.243	39.385	7
8	37.902	37.313	36.900	36.637	37.150	39.804	42.325	42.186	42.011	40.976	40.197	39.295	8
9	37.877	37.301	36.898	36.644	37.209	39.695	42.297	42.155	41.983	40.935	40.151	39.261	9
10	37.851	37.278	36.891	36.642	37.259	40.006	42.273	42.182	41.974	40.884	40.110	39.176	10
11	37.788	37.274	36.878	36.634	37.283	40.118	42.248	42.184	41.942	40.835	40.048	39.139	11
12	37.769	37.252	36.872	36.610	37.301	40.257	42.217	42.186	41.908	40.817	40.009	39.075	12
13	37.736	37.224	36.865	36.587	37.329	40.371	42.208	42.183	41.879	40.800	39.981	39.042	13
14	37.704	37.206	36.847	36.575	37.341	40.483	42.198	42.210	41.852	40.766	39.936	38.990	14
15	37.685	37.207	36.836	36.566	37.353	40.589	42.200	42.211	41.812	40.729	39.914	38.911	15
16	37.673	37.198	36.825	36.534	37.400	40.674	42.197	42.218	41.787	40.691	39.872	38.847	16
17	37.656	37.174	36.806	36.530	37.443	40.784	42.181	42.287	41.755	40.672	39.850	38.773	17
18	37.631	37.156	36.793	36.521	37.478	40.877	42.128	42.268	41.722	40.599	39.830	38.700	18
19	37.595	37.132	36.785	36.515	37.516	40.963	42.136	42.267	41.668	40.613	39.829	38.644	19
20	37.570	37.116	36.772	36.523	37.583	41.003	42.189	42.291	41.619	40.593	39.831	38.603	20
21	37.545	37.101	36.752	36.520	37.630	41.200	42.197	42.305	41.586	40.585	39.786	38.547	21
22	37.524	37.087	36.747	36.530	37.702	41.324	42.244	42.306	41.555	40.589	39.722	38.457	22
23	37.510	37.078	36.737	36.557	37.776	41.425	42.263	42.292	41.532	40.591	39.700	38.400	23
24	37.500	37.061	36.722	36.582	37.829	41.486	42.267	42.270	41.438	40.553	39.712	38.334	24
25	37.484	37.041	36.710	36.598	37.891	41.562	42.233	42.264	41.406	40.533	39.666	38.279	25
26	37.478	37.030	36.714	36.626	37.986	41.723	42.227	42.249	41.388	40.536	39.637	38.210	26
27	37.467	37.022	36.715	36.656	38.050	41.827	42.266	42.238	41.385	40.501	39.605	38.134	27
28	37.453	37.007	36.695	36.690	38.116	41.908	42.288	42.238	41.361	40.490	39.641	38.048	28
29	37.448		36.683	36.734	38.201	41.962	42.253	42.216	41.332	40.433	39.635	37.979	29
30	37.440		36.663	36.780	38.325	41.989	42.301	42.182	41.283	40.425	39.580	37.928	30
31	37.435		36.648		38.489		42.295	42.167		40.408		37.878	31
MEAN	37.725	37.211	36.822	36.605	37.493	40.563	42.234	42.220	41.760	40.756	39.948	38.787	MEAN
MAX	38.281	37.430	36.998	36.780	38.488	41.989	42.325	42.306	42.178	41.260	40.377	39.550	MAX
MIN	37.435	37.007	36.648	36.515	36.634	36.680	42.067	42.155	41.283	40.408	39.580	37.878	MIN

SUMMARY FOR THE YEAR 1983

WATER LEVELS IN METRES

MEAN, 39.358
MAXIMUM DAILY, 42.325 ON JUL 8
MINIMUM DAILY, 36.515 ON APR 19
MAXIMUM INSTANTANEOUS,
42.347 AT 11:50 PST ON JUL 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 30 14 N
LONG 123 25 11 W

REGULATED SINCE 1967

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

WILLISTON LAKE NEAR SCHOOLER CREEK - STATION NO. 07EF003

DAILY WATER LEVEL IN METRES FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	38.182	37.345	36.935	36.648	38.748	38.588	41.947E	42.185E	42.100	41.201	40.286	39.486	1
2	38.147	37.333	36.905	36.647	38.786	38.781	42.026E	42.189E	42.087	41.138	40.260	39.492	2
3	38.102	37.323	36.915	36.651	38.852	38.988	42.111E	42.197E	42.048	41.102	40.252	39.451	3
4	38.035	37.300	36.882	36.658	38.880	39.193	42.180E	42.110A	42.006	41.088	40.242	39.409	4
5	37.987	37.311	36.890	36.646	38.887	39.336	42.180E	42.112	41.979	41.024	40.237	39.368	5
6	37.921	37.288	36.887	36.587	38.953	39.498	42.198E	42.088	41.947	40.988	40.172	39.323	6
7	37.880	37.271	36.848	36.536	37.004	39.626	42.202E	42.083	41.914	40.970	40.129	39.213	7
8	37.846	37.260	36.833	36.531	37.057	39.716	42.223E	42.081	41.916	40.903	40.080	39.178	8
9	37.782	37.209	36.808	36.520	37.122	39.813A	42.233E	42.068	41.899	40.888	40.013	39.114	9
10	37.675	37.202	36.849	36.532	37.187	39.905E	42.197E	42.084	41.854	40.848	39.976	39.108	10
11	37.683	37.176	36.830	36.542	37.199	40.033E	42.163E	42.073	41.834	40.828	39.917	39.087	11
12	37.684	37.183	36.803	36.533	37.200	40.161E	42.133E	42.068	41.818	40.783	39.914	38.991	12
13	37.682	37.186	36.788	36.513	37.184	40.278E	42.122E	42.082	41.782	40.725	39.887	38.870	13
14	37.656	37.174	36.764	36.494	37.223	40.383E	42.114E	42.121	41.768	40.667	39.842	38.805	14
15	37.637	37.167	36.733E	36.486	37.293	40.503E	42.104E	42.133	41.761	40.638	39.809	38.782	15
16	37.615	37.084	36.704A	36.476	37.322	40.607E	42.087E	42.151	41.688	40.620	39.778	38.735	16
17	37.603	37.084	36.676	36.463	37.388	40.708E	42.063E	42.161	41.658	40.613	39.746	38.718	17
18	37.548	37.060	36.678	36.449	37.406	40.798E	42.034E	42.167	41.622	40.598	39.727	38.709	18
19	37.525	37.069	36.647	36.438	37.443	40.903E	42.041E	42.163	41.595	40.582	39.723	38.601	19
20	37.510	37.077	36.639	36.431	37.488	41.004E	42.043E	42.209	41.567	40.569	39.699	38.547	20
21	37.483	37.088	36.633	36.444	37.548	41.108E	42.126E	42.228	41.535	40.537	39.678	38.490	21
22	37.433	37.023	36.618	36.495	37.617	41.229E	42.162E	42.218	41.513	40.589	39.698	38.414	22
23	37.372	37.002	36.608	36.468	37.689	41.344E	42.179E	42.186	41.474	40.570	39.680	38.337	23
24	37.330	37.005	36.597	36.457	37.760	41.398E	42.187E	42.182	41.413	40.521	39.589	38.274	24
25	37.349	36.988	36.604	36.494	37.818	41.488E	42.153E	42.161	41.383	40.518	39.537	38.201	25
26	37.382	36.931	36.589	36.535	37.878	41.618E	42.171E	42.169	41.330	40.488	39.589	38.150	26
27	37.358	36.938	36.598	36.587	37.941	41.718E	42.198E	42.182	41.288	40.481	39.583	38.100	27
28	37.382	36.948	36.582	36.598	38.006	41.788E	42.218E	42.125	41.271	40.422	39.557	38.048	28
29	37.370		36.551	36.622	38.079	41.832E	42.230E	42.107	41.250	40.394	39.531	37.996	29
30	37.378		36.547	36.669	38.188	41.878E	42.226E	42.106	41.227	40.372	39.534	37.924	30
31	37.384		36.556		38.358		42.213E	42.112		40.364		37.879	31
MEAN	37.561	37.139	36.724	36.530	37.601	40.671	42.165	42.137	41.584	40.709	39.663	38.736	MEAN
MAX	38.182	37.345	36.935	36.669	38.358	41.878	42.233	42.228	42.100	41.201	40.286	39.492	MAX
MIN	37.330	36.931	36.547	36.431	36.748	38.588	41.947	42.081	41.227	40.364	39.531	37.879	MIN

SUMMARY FOR THE YEAR 1983

WATER LEVELS IN METRES

MEAN, 39.277
MAXIMUM DAILY, 42.233E ON JUL 8
MINIMUM DAILY, 36.431 ON APR 20

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 06 20 N
LONG 122 43 57 W

A - MANUAL GAUGE
E - ESTIMATED

REGULATED SINCE 1967

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

WILLOW RIVER ABOVE HAY CREEK - STATION NO. 08KD006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	9.90B	7.94B	18.3B	16.2B	88.1E	93.5E	73.0E	42.4	8.80	10.3	28.5	19.2 B	1
2	9.70B	7.95B	18.2B	16.7B	88.7E	82.9E	66.0E	39.2	9.14	10.6	28.7	18.7 B	2
3	9.05B	7.90B	18.1B	17.3B	72.9E	78.0E	68.1E	36.8	9.46	11.0	28.0	18.1 B	3
4	9.45B	7.85B	17.4B	17.5B	74.3E	69.0E	67.5E	34.7	9.74	11.3	26.7	17.7 B	4
5	9.30B	7.80B	17.5B	18.4B	75.7E	64.4E	63.2E	33.6	10.2	11.4	27.5	17.0 B	5
6	9.20B	7.80B	16.9B	19.2B	76.3E	72.3E	60.6E	30.8	10.9	12.2	26.5	16.7 B	6
7	9.10B	7.80B	16.4B	20.0E	87.0E	78.0E	60.5E	27.8	11.3	13.4	24.9	16.0 B	7
8	9.00B	7.85B	16.2B	21.0B	85.4E	74.3E	57.2E	25.8	10.5	11.8	24.5	15.3 B	8
9	8.85B	7.95B	16.0B	22.4B	83.2E	82.5E	54.5E	24.3	9.87	11.5	23.4	14.4 B	9
10	8.90B	8.00B	16.1B	23.5B	76.2E	87.9E	63.3E	22.9	9.69	11.0	22.0	13.7 B	10
11	8.85B	8.20B	16.2B	25.0B	72.6E	95.9E	53.9E	21.5	9.57	10.3	21.5	13.2 B	11
12	8.60B	8.50B	16.3B	25.7B	66.5E	85.4E	65.3A	19.9	9.82	9.93	21.5	12.9 B	12
13	8.80B	8.80B	16.4B	28.8B	61.9E	82.0E	87.3A	18.7	10.2	10.2	24.4	12.7 B	13
14	8.75B	9.20B	16.6B	32.6B	60.2E	76.5E	112	18.4	11.1	10.2	23.6	12.5 B	14
15	8.75B	9.37B	16.7B	36.0E	61.7E	73.7E	101	17.6	11.2	9.86	23.3	12.2 B	15
16	8.70B	9.30B	16.6B	41.2E	65.2E	75.8E	84.2	16.8	11.6	9.65	25.8	11.8 B	16
17	8.70B	9.30B	16.4B	45.2E	71.0E	83.9E	67.2	17.4	12.3	9.94	28.6	11.5 B	17
18	8.65B	9.30B	16.3B	48.4E	80.8E	96.7E	78.9	18.0	14.1	10.2	30.6	11.1 B	18
19	8.65B	9.25B	16.0B	54.4E	86.2E	104 E	71.4	17.4	13.2	10.6	28.4	10.6 B	19
20	8.64B	9.30B	15.6B	57.0E	74.8E	120 E	68.4	16.8	12.7	10.7	25.8	10.2 B	20
21	8.64B	9.30B	15.9B	65.1E	79.2E	140 E	68.9	15.1	12.0	10.9	25.0B	9.66B	21
22	8.64B	9.60B	15.3B	68.2E	84.5E	118 E	67.6	14.2	11.3	11.1	24.3B	9.58B	22
23	8.60B	11.1 B	15.2B	72.0E	78.2E	97.7E	61.8	13.4	10.9	11.3	23.7B	9.32B	23
24	8.58B	12.8 B	15.0B	73.9E	83.8E	91.0E	56.6	12.1	10.2	10.8	22.9B	9.12B	24
25	8.53B	14.9 B	14.9B	74.5E	86.0E	90.6E	53.9	11.3	9.53	11.3	22.2B	8.93B	25
26	8.45B	16.5 B	14.9B	74.3E	88.0E	76.2E	57.8	11.1	9.71	11.6	21.6B	8.82B	26
27	8.35B	17.6 B	14.9B	72.0E	83.8E	71.2E	60.5	10.9	10.3	17.0	20.9B	8.72B	27
28	8.15B	18.4 B	15.0B	68.7E	80.4E	82.0E	57.3	10.5	10.5	20.1	20.3B	8.70B	28
29	8.05B		15.1B	67.7E	83.5E	80.0E	54.1	11.0	11.0	19.8	20.0B	8.64B	29
30	8.00B		15.3B	67.9E	104 E	84.5E	50.2	10.2	10.8	18.7	19.8B	8.55B	30
31	8.00B		15.9B		104 E		46.1	9.89		20.1		8.45B	31
TOTAL	272.38	280.32	501.8	1 300.2	2 407.5	2 533.6	2 091.3	628.49	323.24	378.12	740.5	384.29	TOTAL
MEAN	8.78	10.0	16.2	43.3	77.7	84.6	67.5	20.2	10.8	12.2	24.7	12.4	MEAN
MAX	9.90	18.4	18.3	74.5	104	140	112	42.4	14.1	20.1	30.6	19.2	MAX
MIN	8.00	7.80	14.9	16.2	60.2	69.0	46.1	9.89	8.80	9.65	19.8	8.45	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 32.3
MAXIMUM DAILY, 140E ON JUN 21
MINIMUM DAILY, 7.80B ON FEB 5

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 02 44 N
LONG 122 22 23 W
DRAINAGE AREA, 2 870 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	23 500	JUL	181 000
FEB	24 200	AUG	54 300
MAR	43 400	SEP	27 900
APR	112 000	OCT	32 700
MAY	208 000	NOV	64 000
JUN	219 000	DEC	33 200

TOTAL DISCHARGE, 1 020 000 dam³

WITCHES BROOK NEAR MERRITT - STATION NO. 08LG008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.017B	0.016B	0.020B	0.024E	0.871	0.336	0.088	0.001	0.003	0.004	0.002	0.001	1
2	0.015B	0.017B	0.020B	0.025E	1.07	0.300	0.138	0.001	0.003	0.004	0.002	0.001	2
3	0.016B	0.016B	0.020B	0.027E	1.27	0.283	0.207	0	0.003	0.004	0.002	0	3
4	0.016B	0.015B	0.020B	0.029E	1.32	0.277	0.157	0	0.002	0.004	0.002	0.001	4
5	0.015B	0.015B	0.020B	0.032E	1.36	0.269	0.115	0	0.002	0.004	0.001	0.001	5
6	0.013B	0.015B	0.020B	0.034E	1.40	0.246	0.088	0	0.002	0.004	0.001	0.001B	6
7	0.013B	0.016B	0.021B	0.028E	1.46	0.213	0.066	0	0.002	0.004	0.001	0.001B	7
8	0.014B	0.018B	0.044B	0.027E	1.42	0.185	0.084	0	0.002	0.004	0.001	0.001B	8
9	0.015B	0.019B	0.040B	0.029E	1.33	0.165	0.071	0.001	0.002	0.004	0.001	0.001B	9
10	0.015B	0.020B	0.032B	0.030E	1.30	0.149	0.064	0.001	0.004	0.003	0.001	0.001B	10
11	0.017B	0.019B	0.026B	0.026E	1.06	0.140	0.068	0.002	0.003	0.003	0.002	0.001B	11
12	0.018B	0.019B	0.027B	0.025E	1.02	0.146	0.057	0.002	0.002	0.003	0.002	0.001B	12
13	0.016B	0.016B	0.025B	0.028E	0.842	0.130	0.043	0.001	0.002	0.003	0.001	0.001B	13
14	0.016B	0.017B	0.024B	0.035E	0.816	0.120	0.034	0.001	0.002	0.003	0.001	0.001B	14
15	0.015B	0.017B	0.024B	0.048E	0.899	0.116	0.030	0.001	0.003	0.003	0.002	0.001B	15
16	0.015B	0.017B	0.024B	0.075E	1.01	0.102	0.036	0	0.004	0.002	0.002	0 B	16
17	0.016B	0.017B	0.024B	0.100E	0.937	0.105	0.029	0	0.005	0.003	0.003	0 B	17
18	0.016B	0.016B	0.024B	0.147A	1.05	0.103	0.032	0	0.005	0.002	0.002	0 B	18
19	0.016B	0.016B	0.026B	0.190E	1.03	0.083	0.033	0	0.004	0.002	0.002	0 B	19
20	0.016B	0.017B	0.028B	0.216E	1.34	0.081	0.022	0	0.003	0.001	0.002	0 B	20
21	0.016B	0.017B	0.025B	0.226E	1.39	0.083	0.016	0	0.003	0.001	0.002	0 B	21
22	0.015B	0.020B	0.027B	0.270E	1.35	0.084	0.010	0	0.004	0.002	0.002	0 B	22
23	0.015B	0.025B	0.026B	0.360E	1.08	0.100	0.008	0	0.003	0.002	0.001	0 B	23
24	0.017B	0.028B	0.028B	0.480A	0.831	0.088	0.008	0.002	0.003	0.001	0.001	0 B	24
25	0.016B	0.027B	0.030B	0.718A	0.646A	0.102	0.007	0.002	0.004	0.003	0.001	0 B	25
26	0.015B	0.021B	0.028B	0.819	0.760E	0.112	0.005	0.001	0.004	0.002	0.001	0 B	26
27	0.015B	0.025B	0.028B	0.816	0.690E	0.077	0.003	0.001	0.004	0.002	0.001	0 B	27
28	0.015B	0.020B	0.027B	0.723	0.624E	0.070	0.003	0.001	0.004	0.002	0.001	0 B	28
29	0.016B		0.026E	0.624	0.558E	0.078	0.002	0.001	0.004	0.002	0.001	0 B	29
30	0.016B		0.027E	1.03	0.501	0.088	0.003	0.001	0.004	0.002	0.001	0 B	30
31	0.016B		0.026E		0.388		0.001	0.001		0.002		0 B	31
TOTAL	0.512	0.524	0.810	7.416	32.256	4.443	1.528	0.021	0.095	0.084	0.045	0.014	TOTAL
MEAN	0.017	0.019	0.026	0.247	1.04	0.148	0.049	0.001	0.003	0.003	0.002	0	MEAN
MAX	0.018	0.028	0.044	1.03	1.46	0.336	0.207	0.002	0.005	0.004	0.003	0.001	MAX
MIN	0.013	0.015	0.020	0.024	0.388	0.070	0.001	0	0.002	0.001	0.001	0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.131
MAXIMUM DAILY, 1.46 ON MAY 7
MINIMUM DAILY, 0 ON AUG 3
MAXIMUM INSTANTANEOUS,
1.52 AT 15:50 PST ON MAY 7

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 20 32 N
LONG 120 51 20 W
DRAINAGE AREA, 139 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	44.2	JUL	132
FEB	45.3	AUG	1.81
MAR	70.0	SEP	8.21
APR	641	OCT	7.26
MAY	2 790	NOV	3.88
JUN	384	DEC	1.21

TOTAL DISCHARGE, 4 130 dam³

YAKOUN RIVER NEAR PORT CLEMENTS - STATION NO. 08OA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	17.7	64.7	20.8	31.9	3.56	3.88	9.69	16.1	9.02	24.5	53.1	9.15	1
2	33.5	46.4	22.2	46.9	3.46	3.87	12.7	76.5	10.4	21.5	79.1	9.08	2
3	47.8	37.9	17.8	32.3	3.48	4.22	8.79	100	17.3	24.9	71.4	8.62	3
4	33.4	31.6	15.3	23.6	3.51	4.40	14.7	52.2	11.7	40.4	67.0	7.75	4
5	43.9	26.1	13.2	28.3	3.67	4.26	15.1	35.4	11.3	34.0	73.7	7.32	5
6	52.0	25.7	11.5	42.7	3.82	4.16	17.2	30.1	21.4	22.2	143	7.16	6
7	122	42.5	10.2	35.0	4.45	4.26	14.2	19.8	18.9	18.7	89.7	6.79	7
8	182	34.5	12.2	28.4	5.20	4.26	12.9	14.7	14.2	31.3	51.1	6.53	8
9	76.3	69.3	38.1	21.8	5.57	4.47	10.6	11.7	11.8	44.5	41.0	6.82	9
10	48.8	88.3	35.3	17.5	4.86	4.16	9.64	9.93	46.1	27.6	35.7	13.2	10
11	169	87.1	31.8	14.4	4.34	4.29	9.32	9.08	58.3	19.8	71.5	42.9	11
12	154	83.0	52.9	12.5	3.87	4.86	8.88	8.05	37.0 A	16.6	88.2	66.8	12
13	78.7	60.2	53.9	11.0	3.85	4.22	14.7	7.68	38.0 E	14.2	71.4	56.4	13
14	86.4	42.5	36.2	9.84	3.63	4.30	15.3	10.7	40.0 E	13.2	47.9	36.0	14
15	32.9	46.4	25.9	8.92	3.60	4.26	9.98	9.40	46.8 A	11.2	44.9	25.4	15
16	64.8	42.7	19.5	8.03	3.73	6.41	7.78	18.4	33.0	24.6	51.6	18.2	16
17	47.1	58.0	16.1	7.51	3.67	13.2	6.85	14.1	26.4	55.0	53.7	14.8	17
18	55.5	48.3	13.7	7.04	3.63	24.5	5.59	10.0	19.7	57.5	48.4	12.3	18
19	85.4	34.8	11.8	6.88	3.58	16.9	4.85	23.0	15.3	87.7	36.4	10.5 B	19
20	50.6	44.8	10.5	6.84	6.50	12.9	4.62	21.7	16.5 A	88.6	27.9	10.2 B	20
21	35.1	47.7	8.40	7.05	7.49	10.1	6.74	14.3	14.8	114	21.4	10.0 B	21
22	25.0	43.6	8.48	5.82	6.10	8.20	6.17	11.0	12.2	103	18.0	9.60B	22
23	18.9	70.0	7.72	6.08	4.42	7.08	5.74	9.23	10.4	74.3	20.7	9.20B	23
24	24.0	53.9	7.00	5.47	4.04	6.17	5.60	11.7	47.3	137	20.7	8.80B	24
25	112	38.4	6.47	4.98	4.14	5.84	6.14	11.5	206	197	16.7	8.40B	25
26	198	33.0	6.28	4.69	5.23	5.92	9.12	10.0	213	119	14.6	8.20B	26
27	81.7	46.2	27.7	4.48	4.41	7.30	6.94	9.48	90.6	73.1	13.2	8.00B	27
28	60.2	43.2	26.7	4.25	4.16	6.51	5.79	24.0	56.4	109	11.9	7.80B	28
29	100		18.3	4.03	3.97	6.21	5.57	18.1	41.8	121	10.7	7.60B	29
30	61.8		19.1	3.82	3.64	6.10	10.3	12.8	31.6	87.3	9.76	7.40B	30
31	59.5		25.4		3.49		29.9	10.4		58.6		7.30B	31
TOTAL	2 256.6	1 344.1	638.45	454.03	132.73	219.13	310.40	643.05	1 226.12	1 900.3	1 424.36	468.24	TOTAL
MEAN	72.8	48.0	20.6	15.1	4.28	7.30	10.0	20.7	40.9	61.3	47.5	15.1	MEAN
MAX	198	87.1	53.9	46.9	7.49	24.5	29.9	100	213	197	143	66.8	MAX
MIN	17.7	25.1	6.28	3.82	3.46	3.88	4.62	7.68	9.02	11.2	9.76	6.53	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 30.2
MAXIMUM DAILY, 213 ON SEP 26
MINIMUM DAILY, 3.46 ON MAY 2
MAXIMUM INSTANTANEOUS,
326 AT 00:14 PST ON SEP 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 36 50 N
LONG 132 12 35 W
DRAINAGE AREA, 477 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	195 000	JUL	26 800
FEB	116 000	AUG	55 600
MAR	55 200	SEP	106 000
APR	39 200	OCT	164 000
MAY	11 500	NOV	123 000
JUN	18 900	DEC	40 500

TOTAL DISCHARGE, 952 000 dam³

YALAKOM RIVER ABOVE ORE CREEK - STATION NO 08ME025

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.13E	1.78E	1.54E	1.86E	4.90E	26.1	7.20	7.36	4.80	3.07	2.71	1.80B	1
2	2.10E	1.72E	1.52E	1.88E	4.80E	19.3	6.56	7.15	6.13	3.03	2.63	1.76B	2
3	2.06E	1.68E	1.51E	1.92E	4.70E	14.4	6.26	6.71	6.22	2.99	2.61	1.72B	3
4	2.04E	1.64E	1.50E	1.91E	4.50E	11.3	6.05	6.05	6.33	2.88	2.59	1.68B	4
5	2.02E	1.62E	1.52E	1.90E	4.40E	9.85	7.72	6.71	4.88	2.80	2.49	1.62B	5
6	2.03A	1.60E	1.53E	1.90E	4.20E	9.37	7.43	5.58	4.35	2.74	2.44	1.59B	6
7	2.04E	1.60E	1.54E	1.89E	4.00E	10.4	7.19	5.42	4.35	2.65	2.40	1.56B	7
8	2.05E	1.62E	1.55E	1.87E	3.80E	10.7	6.73	5.73	4.14	2.66	2.27	1.58B	8
9	2.04E	1.64E	1.58E	1.88E	3.65E	10.7	6.33	6.43	3.96	2.63	2.22	1.54B	9
10	2.02E	1.66E	1.57E	1.85E	3.50E	9.35	6.03	6.46	4.00	2.62	2.24	1.60B	10
11	2.00E	1.68E	1.58E	1.86E	3.70E	7.94	6.49	6.81	3.91	2.64	2.28	1.58B	11
12	1.98E	1.70E	1.59E	1.87E	4.00E	7.34	6.70	6.54	3.77	2.56	2.31	1.59B	12
13	1.95E	1.70E	1.60E	1.88E	4.30E	6.98	6.70	6.40	3.70	2.57	2.28	1.61B	13
14	1.92E	1.68E	1.59E	1.90E	4.70E	7.14	6.73	6.41	3.88	2.67	2.27	1.56B	14
15	1.90E	1.66E	1.58E	1.94E	4.90E	7.89	6.57	5.84	3.61	2.59	2.28	1.55B	15
16	1.92E	1.64E	1.57E	2.00E	4.80E	8.47	6.89	5.46	3.60	2.51	2.27	1.53B	16
17	1.95E	1.62E	1.56E	2.04E	4.60E	7.93	6.45	5.29	3.61	2.54	2.24	1.47B	17
18	1.98E	1.60E	1.56E	2.07A	4.45E	7.26	6.22	5.12	3.73	2.47	2.19	1.44B	18
19	1.98E	1.58E	1.57E	2.15E	4.52A	6.53	6.54	4.92	3.48	2.45	2.15	1.39B	19
20	1.94E	1.56E	1.58E	2.20E	6.39	6.30	17.1	4.73	3.45	2.43	2.15	1.35B	20
21	1.92E	1.55E	1.59E	2.35E	7.17	6.20	14.5	4.59	3.58	2.43	2.14	1.30B	21
22	1.88E	1.55E	1.60A	2.50E	8.11	6.17	11.0	4.38	3.59	2.57	1.95	1.25B	22
23	1.85E	1.56E	1.61E	2.80E	8.67	7.15	9.42	4.33	3.84	2.39	2.05	1.20B	23
24	1.83E	1.57E	1.62E	3.20E	10.9	7.84	8.86	4.46	3.61	2.27	2.07	1.17B	24
25	1.81E	1.58E	1.63E	3.70E	11.6	7.21	8.57	4.80	3.56	2.30	2.08	1.15B	25
26	1.83E	1.57E	1.65E	3.30E	11.0	7.41	8.07	4.37	3.53	3.10	2.07	1.16B	26
27	1.87E	1.56E	1.66E	4.20E	10.9	7.86	7.33	4.30	3.35	4.06	2.07	1.20B	27
28	1.90E	1.54A	1.71E	4.50E	12.9	7.02	6.91	4.20	3.19	3.15	2.05	1.27B	28
29	1.88E		1.78E	6.00E	16.8	8.17	6.84	4.22	3.13	2.67	1.87	1.31B	29
30	1.84E		1.82E	6.10E	26.4	7.03	6.50	4.23	3.04	2.84	1.84B	1.37B	30
31	1.80A		1.84E		27.9		6.79	4.33		3.01		1.43B	31
TOTAL	60.45	45.44	49.62	75.80	244.26	278.71	260.28	168.46	118.67	84.48	67.17	45.25	TOTAL
MEAN	1.95	1.62	1.60	2.53	7.88	9.29	8.40	5.43	3.96	2.72	2.24	1.46	MEAN
MAX	2.13	1.78	1.84	6.10	27.9	26.1	17.1	7.36	6.22	4.06	2.71	1.80	MAX
MIN	1.80	1.51	1.50	1.85	3.50	6.17	6.03	4.22	3.04	2.27	1.84	1.15	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.11
MAXIMUM DAILY, 27.9 ON MAY 31
MINIMUM DAILY, 1.15B ON DEC 25
MAXIMUM INSTANTANEOUS,
32.2 AT 20:42 PST ON MAY 30

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 54 45 N
LONG 122 14 14 W
DRAINAGE AREA, 575 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	5 220	JUL	22 500
FEB	3 930	AUG	14 600
MAR	4 290	SEP	10 300
APR	6 550	OCT	7 300
MAY	21 100	NOV	5 800
JUN	24 100	DEC	3 910

TOTAL DISCHARGE, 130 000 dam³

ZEBALLOS RIVER NEAR ZEBALLOS - STATION NO. 08HE006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	10.9	15.6	17.9	21.6	14.3	12.6	13.3	10.2	8.90	6.10	28.7	11.3	1
2	33.4	13.6	15.2	31.9	13.2	11.7	15.3	16.2	8.15	5.96	69.8	10.8	2
3	28.9	13.9	12.7	26.9	11.9	11.0	12.4	22.2	9.72	6.73	62.9	10.3	3
4	27.5	11.3	12.3	21.3	12.4	10.3	13.0	15.6	8.67	8.05	45.7	9.97	4
5	22.9	10.6	11.2	18.3	12.3	14.0	13.1	13.0	7.77	6.64	27.6	9.66	5
6	37.9	13.1	10.5	16.3	11.5	13.0	12.7	10.6	40.4	6.30	57.4	9.21	6
7	128	17.2	10.7	15.4	19.6	11.6	16.5	9.71	17.7	5.95	38.0	9.05	7
8	89.9	12.8	71.8	13.2	19.6	12.1	13.7	9.37	12.0	7.65	23.7	12.4	8
9	111	12.8	166	11.6	16.9	64.6	11.7	9.19	9.05	9.53	21.3	16.3	9
10	95.2	15.9	45.8	10.7	12.7	77.7	14.1	8.80	14.8	7.20	36.9	11.8	10
11	139	324	39.0	10.3	11.9	32.0	89.3	8.32	20.5	6.44	131	42.6	11
12	64.7	111	38.3	9.70	12.2	20.6	40.7	7.99	18.2	6.08	80.8	41.6	12
13	49.5	85.7	37.5	9.28	12.4	15.7	51.1	7.79	14.9	5.83	34.6	63.7	13
14	29.5	88.8	27.1	9.09	12.2	14.6	64.5	7.40	14.1	5.61	28.3	32.1	14
15	21.7	60.1	22.9	9.04	10.6	20.1	23.2	7.39	10.7	5.27	172	18.2	15
16	16.8	49.2	18.2	9.58	10.3	17.8	17.5	7.08	10.8	5.85	101	13.8	16
17	35.5	90.5	15.5	10.1	11.3	29.9	15.0	6.91	9.94	10.8	71.6	11.5	17
18	151	62.1	14.0	11.3	13.6	24.3	13.6	6.65	9.55	13.8	57.3	10.5	18
19	81.9	64.4	12.9	12.3	12.7	17.5	12.7	6.46	8.43	46.2	33.3	9.80	19
20	35.2	47.0	12.1	11.8	15.8	14.8	11.7	6.25	7.80	28.8	23.8	8.94	20
21	26.9	34.2	11.5	12.2	14.0	12.8	11.1	6.40	7.12	97.1	18.9	8.57	21
22	19.3	62.4	11.0	11.3	14.1	11.7	10.6	6.16	6.86	49.4	16.6	8.61	22
23	16.7	65.9	10.8	10.3	15.6	12.1	10.3	6.12	6.62	25.4	16.3	7.86	23
24	36.1	65.7	10.9	11.2	15.4	12.9	9.84	6.00	6.31	19.5	18.8	7.62	24
25	57.7	34.7	10.4	13.9	14.2	16.1	9.59	5.93	6.19	44.4	16.2	7.51	25
26	74.9	31.6	10.1	14.2	11.6	16.6	11.5	5.85	12.8	86.3	30.5	7.75	26
27	43.0	28.4	11.4	13.9	12.2	13.3	32.6	5.70	9.48	41.8	24.6	7.43	27
28	26.4	21.6	13.7	12.5	16.7	12.8	18.7	18.8	7.28	20.5	17.0	7.16	28
29	18.9		13.8	13.3	18.4	18.2	13.7	11.3	6.59	14.9	14.1	7.14	29
30	17.4		37.4	14.5	15.8	14.1	11.5	8.61	6.29	31.8	12.3	84.4	30
31	16.8		27.7		13.7		10.7	7.37		20.9		36.1	31
TOTAL	1 546.3	1 412.8	762.2	418.55	424.7	576.1	614.43	283.77	333.04	668.39	1 312.1	552.39	TOTAL
MEAN	49.9	50.5	24.6	14.0	13.7	19.2	19.8	9.15	11.1	21.6	43.7	17.8	MEAN
MAX	151	324	166	21.9	19.6	77.7	89.3	22.2	40.4	97.1	172	84.4	MAX
MIN	10.9	10.5	10.1	9.04	10.3	10.3	9.59	5.70	6.19	5.27	12.3	7.14	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 24.4
MAXIMUM DAILY, 324 ON FEB 11
MINIMUM DAILY, 5.27 ON OCT 15
MAXIMUM INSTANTANEOUS,
510 AT 13:27 PST ON FEB 11

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 00 52 N
LONG 126 50 33 W
DRAINAGE AREA, 181 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	134 000	JUL	53 100
FEB	122 000	AUG	24 500
MAR	65 900	SEP	28 800
APR	36 200	OCT	57 700
MAY	36 700	NOV	113 000
JUN	49 800	DEC	47 700

TOTAL DISCHARGE, 769 000 dam³

ZYMAGOTITZ RIVER NEAR TERRACE - STATION NO. 08EG011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.760B	4.40	8.63	12.4	44.6	74.9	31.1	25.8	20.1	17.7	16.4	4.780B	1
2	3.680B	4.34	7.82	11.6	42.0	70.8	28.7	26.7	24.0	16.3	15.7	4.670B	2
3	3.620B	4.22	7.22	11.9	37.2	49.5	27.2	24.1	27.1	16.5	16.6	4.560B	3
4	3.550B	4.11	6.78	13.2	31.6	36.5	25.7	19.8	25.3	17.6	16.4	4.480B	4
5	3.510B	4.02	6.30	18.7	26.9	30.4	23.8	19.4	17.7	16.2	15.8	4.400B	5
6	3.400B	3.95	5.88	21.8	25.4	27.3	20.4	21.8	29.7	14.4	14.7	4.330B	6
7	3.700B	3.81	5.74	18.6	26.0	30.7	26.1	21.6	21.0	13.5	13.9	4.260B	7
8	4.550B	3.82	5.80	15.7	28.1	35.3	26.1	20.8	16.3	12.8	13.0	4.190B	8
9	4.520B	3.77	5.57	13.3	24.6	47.1	28.7	22.4	13.8	12.3	12.3	4.120B	9
10	4.350B	3.76	5.66	11.8	24.6	41.8	43.1	23.8	12.2	11.7	11.7	4.050B	10
11	4.250B	4.24	6.53	10.6	28.9	38.2	37.8	22.5	12.1	11.2	12.0	4.000B	11
12	4.180B	5.84	7.48	9.83	32.9	37.4	30.4	18.4	15.0	9.92	12.1	3.950B	12
13	4.110B	6.30	8.33	9.56	41.3	34.4	29.2	21.3	25.4	8.51	11.3	3.900B	13
14	4.030B	7.93	10.7	9.73	53.8	32.5	25.5	18.1	19.6	8.63	10.8	3.850B	14
15	4.000B	6.58	11.2	10.8	48.1	43.5	26.0	20.2	14.9	8.29	11.0	3.800B	15
16	4.050B	7.54	11.7	12.3	43.6	41.9	27.2	35.1	15.9	9.00	12.3	3.760B	16
17	4.250B	7.67	11.6	13.7	38.1	33.2	28.6	29.4	13.4	9.44	12.3	3.700B	17
18	4.650B	7.45	11.9	16.8	34.7	30.9	29.6	21.0	11.6	10.0	11.7	3.650B	18
19	5.200B	8.93	11.5	16.8	32.3	28.3	28.9	46.5	10.5	11.5	11.1	3.600B	19
20	6.350B	8.99	11.0	16.7	60.4	25.0	27.3	29.0	13.3	13.7	10.0 B	3.550B	20
21	6.100B	8.92	10.6	14.4	54.8	26.3	25.2	23.4	15.8	16.9	8.600B	3.510B	21
22	5.900B	7.03	9.66	16.5	47.1	30.2	22.6	22.4	15.1	16.3	8.000B	3.470B	22
23	5.700B	13.4	8.80	15.7	45.9	48.7	20.1	20.9	13.8	16.9	7.300B	3.440B	23
24	5.600B	18.3	8.15	24.6	66.7	56.8	20.5	19.7	46.9	18.5	6.800B	3.410B	24
25	5.450B	13.5	7.71	35.3	90.1	42.6	22.2	19.8	243	37.6	6.300B	3.380B	25
26	5.300B	11.5	7.80	39.4	41.1	26.2	22.2	21.2	134	27.3	5.900B	3.350B	26
27	5.100B	10.4	8.53	34.9	34.7	31.1	18.8	26.7	41.5	19.1	5.500B	3.320B	27
28	5.020B	9.53	9.08	38.6	48.8	29.6	17.7	37.1	26.4	17.9	5.200B	3.290B	28
29	4.900B		9.03	44.8	76.0	28.2	18.3	31.5	20.3	19.9	5.000B	3.260B	29
30	4.85		10.5	46.3	107	24.0	26.8	26.4	17.3	26.5	4.650B	3.240B	30
31	4.55		12.3		88.7		30.7	22.9		19.6		3.220B	31
TOTAL	142.50	200.14	270.53	583.24	1 371.8	1 156.8	829.2	762.5	936.8	483.89	328.75	118.49	TOTAL
MEAN	4.60	7.15	8.73	19.4	44.3	38.6	26.7	24.6	31.2	15.6	11.0	3.82	MEAN
MAX	6.35	18.3	12.3	46.3	107	74.9	43.1	46.5	243	37.6	16.6	4.78	MAX
MIN	3.40	3.76	5.57	9.56	24.6	25.0	17.7	18.1	10.5	8.29	4.65	3.22	MIN

SUMMARY FOR THE YEAR 1983

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 19.7
MAXIMUM DAILY, 243 ON SEP 25
MINIMUM DAILY, 3.220 ON DEC 31
MAXIMUM INSTANTANEOUS,
306 AT 01:15 PST ON SEP 25

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 31 07 N
LONG 128 43 40 W
DRAINAGE AREA, 376 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	12 300	JUL	71 600
FEB	17 300	AUG	65 900
MAR	23 400	SEP	80 900
APR	50 400	OCT	41 800
MAY	119 000	NOV	28 400
JUN	99 900	DEC	10 200

TOTAL DISCHARGE, 621 000 dam³

ZYMOETZ RIVER ABOVE O.K. CREEK - STATION NO. 082F005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	12.08	14.0	17.5	17.2	191	387	149	105	74.7	78.1	99.4	20.28	1
2	11.78	13.6	16.7	17.3	201	383	148	98.8	78.6	78.1	85.2	19.88	2
3	11.38	13.4	16.2	17.3	191	368	134	101	120	76.9	79.2	19.08	3
4	11.08	13.1	15.9	16.4	185	232	136	86.5	108	92.0	88.0	18.48	4
5	10.88	13.0	15.3	21.1	142	179	130	81.5	91.3	86.3	84.2	17.88	5
6	10.88	12.8	15.2	26.5	135	167	107	87.8	84.9	74.3	83.1	17.28	6
7	10.6	12.7	15.1	31.3	132	161	143	91.1	106	85.5	73.8	16.88	7
8	10.0	12.6	15.0	28.9	135	160	146	91.3	80.1	88.9	88.8	16.48	8
9	10.8	12.3	14.1	26.7	123	178	127	89.2	85.1	84.7	80.1	16.09	9
10	10.0	12.1	14.2	24.7	114	184	152	112	88.4	80.5	84.9	15.68	10
11	19.5	12.0	14.4	23.7	119	179	157	130	80.9	45.8	80.0	15.38	11
12	28.2	12.1	14.4	22.8	140	164	145	88.3	53.1	44.6	47.2	15.18	12
13	26.6	13.0	14.8	21.7	189	156	138	89.8	71.7	46.4	44.0	14.98	13
14	22.9	13.9	16.0	21.7	233	138	133	86.4	99.8	41.6	41.2	14.79	14
15	20.6	15.7	16.5	23.4	226	157	133	78.9	85.5	38.7	39.8	14.59	15
16	19.7	15.1	17.8	25.8	226	182	149	120	105	37.5	38.0	14.39	16
17	18.9	14.4	18.0	26.7	201	140	145	106	88.3	37.2	39.2	14.29	17
18	18.7	14.1	18.8	25.6	177	135	150	115	74.1	37.5	39.2	14.19	18
19	18.2	15.8	18.6	25.5	159	126	150	113	82.8	45.5	36.3	14.09	19
20	18.2	15.4	18.8	26.7	264	122	148	115	99.5	49.1	35.8	13.99	20
21	17.7	15.1	18.5	28.1	251	122	140	93.8	72.2	54.3	34.2	13.88	21
22	16.8	14.8	18.3	29.1	244	127	128	81.7	72.1	70.1	30.5	13.78	22
23	16.5	15.1	17.7	44.3	231	154	110	80.6	73.1	88.0	28.3	13.68	23
24	16.7	17.6	17.3	63.0	228	161	103	84.2	74.1	87.7	26.58	13.58	24
25	16.6	19.0	17.3	88.6	233	175	100	78.0	203	187	25.58	13.48	25
26	16.6	18.7	18.7	117	188	158	102	75.0	309	170	24.28	13.38	26
27	16.5	18.4	18.5	119	189	148	92.0	74.3	170	124	23.38	13.28	27
28	16.5	18.2	18.3	127	193	142	87.1	77.5	118	97.8	22.88	13.28	28
29	16.0		18.0	178	279	143	92.5	80.6	91.6	84.9	21.78	13.18	29
30	15.3		18.3	186	421	149	87.7	78.8	78.7	117	20.98	12.18	30
31	14.3		17.0		435		108	83.2		120		13.08	31
TOTAL	518.6	413.3	511.0	1 519.1	8 344	5 306	3 949.4	3 092.9	3 085.3	2 272.5	1 484.2	489.0	TOTAL
MEAN	16.7	14.8	16.5	50.6	305	177	127	99.3	99.2	73.3	48.8	15.1	MEAN
MAX	29.2	19.0	18.8	186	435	383	167	153	309	170	99.4	20.2	MAX
MIN	10.5	12.0	14.1	17.2	114	122	87.1	74.3	50.9	37.2	20.9	13.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 78.4
MAXIMUM DAILY, 435 ON MAY 31
MINIMUM DAILY, 10.5 ON JAN 7
MAXIMUM INSTANTANEOUS,
483 AT 01:00 PST ON MAY 31

SUMMARY FOR THE YEAR 1983

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 39 00 N
LONG 128 19 50 W
DRAINAGE AREA, 2 930 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	44 800	JUL	341 000
FEB	35 700	AUG	266 000
MAR	44 200	SEP	249 000
APR	131 000	OCT	196 000
MAY	548 000	NOV	127 000
JUN	458 000	DEC	40 500

TOTAL DISCHARGE, 2 470 000 dam³

NAME	STATION NO.	PAGE
ABERDEEN LAKE AT THE OUTLET	08LC043	1
ADAMS LAKE NEAR SQUILAX	08LD003	1
ADAMS RIVER NEAR SQUILAX	08LD001	2
ADSETT CREEK AT KILOMETRE 388 o ALASKA HIGHWAY	10CD005	2
AIRY CREEK ABOVE DIVERSIONS	08NJ188	3
AKIE RIVER NEAR THE 760 m CONTOUR	07EA007	3
ALBERT RIVER AT 1310 m CONTOUR	08NF005	4
ALLISON CREEK NEAR PRINCETON	08NL012	4
ALOUETTE LAKE FOREBAY	08MM148	5
ALOUETTE RIVER NEAR HANEY	08MH005	5
AMBUSTEN CREEK NEAR THE MOUTH	08LF051	6
ANDERSON CREEK ABOVE DIVERSIONS	08LF064	6
ANDERSON CREEK AT THE MOUTH	08MM104	7
ANDERSON CREEK NEAR NELSON	08NJ130	7
ANNORE CREEK NEAR THE MOUTH	08GA065	8
ARGENTA CREEK NEAR ARGENTA	08NM051	8
ARROW CREEK NEAR ERICKSON	08MH064	9
ARROW RESERVOIR AT FAUQUIER	08NE102	9
ARROW RESERVOIR AT HUGH KEENLEYSIDE DAM	08NE103	10
ARROW RESERVOIR AT NAKUSP	08NE104	10
ARROW RESERVOIR OUTFLOW	08NE128	11
ASH RIVER BELOW MORAN CREEK	08NB023	11
ASHNOLA RIVER NEAR KEREMEOS	08NL004	12
ATLIN LAKE AT ATLIN	08AA001	12
ATLIN RIVER NEAR ATLIN	08AA002	13
ATNARKO RIVER NEAR THE MOUTH	08FB006	13
AVERILL CREEK NEAR DUNCAN	08HA015	14
B.X. CREEK ABOVE VERNON INTAKE	08NM020	14
BABINE LAKE AT TOPLEY LANDING	08EC003	15
BABINE RIVER AT BABINE	08EC001	15
BABINE RIVER AT OUTLET OF NILKITKWA LAKE	08EC013	16
BAEZAEKO RIVER AT LOT 10383	08KE003	16
BAKER CREEK AT QUESNEL	08KE018	17
BARNES CREEK NEAR NEEDLES	08NE077	17
BARRIERE RIVER AT THE MOUTH	08LB020	18
BARRIERE RIVER BELOW SPRAGUE CREEK	08LB058	18
BEAK CREEK AT THE MOUTH	08LG064	19
BEAR CREEK AT SOMERS ROAD NEAR ALBERNI	08HB073	19
BEAR RIVER ABOVE BITTER CREEK	08DC006	20
BEATON CREEK NEAR BEATON	08NE006	20
BEATTON RIVER NEAR FORT ST. JOHN	07FC001	21
BEAVERDELL CREEK NEAR BEAVERDELL	08NM037	21
BEAVERLEY CREEK AT OUTLET OF NADSILNICH LAKE	08JC018	22
BELGO CREEK BELOW HILDA CREEK	08NM232	22
BELLA COOLA RIVER ABOVE BURNT BRIDGE CREEK	08FB007	23
BELLEVUE CREEK NEAR OKANAGAN MISSION	08NM035	23
BESSETTE CREEK ABOVE BEAVERJACK CREEK	08LC038	24
BESSETTE CREEK ABOVE LUMBY LAGOON OUTFALL	08LC042	24
BESSETTE CREEK NEAR LUMBY	08LC005	25
BETHSAIDA CREEK ABOVE HIGHLAND VALLEY ROAD	08LG055	25
BIG CREEK ABOVE GROUNDHOG CREEK	08MB006	26
BIG CREEK BELOW GRAVEYARD CREEK	08MB007	26
BIG SHEEP CREEK NEAR ROSSLAND	08NE039	27
BINGS CREEK NEAR THE MOUTH	08HA018	27
BIRD CREEK ABOVE DIVERSION	08NJ170	28
BLACK CREEK AT STURGESS ROAD	08MB014	28
BLACKBURN LAKE ON SALTSPRING ISLAND	08HA048	29
BLACKHILL CREEK NEAR PAVILION	08MB029	29
BLAEBERRY RIVER ABOVE WILLOWBANK CREEK	08NB012	30
BLAEBERRY RIVER BELOW ENSIGN CREEK	08NB015	30
BLUE RIVER NEAR THE MOUTH	10AC004	31
BLUEBERRY RIVER BELOW AITKEN CREEK	07FC003	31
BONAPARTE RIVER ABOVE LOON CREEK	08LF048	32
BONAPARTE RIVER BELOW CACHE CREEK	08LF002	32
BONAPARTE RIVER NEAR BRIDGE LAKE	08LF052	33
BOSE CREEK NEAR BLUE RIVER	08LB077	33
BOUGIE CREEK AT KILOMETRE 388 ALASKA HIGHWAY	10CD004	34
BOUNDARY CREEK NEAR PORTHILL	08NM032	34
BOWRON LAKE NEAR WELLS	08KD005	35
BOWRON RIVER BELOW BOX CANYON	08KD007	35
BOWRON RIVER NEAR WELLS	08KD001	36
BOWSER RIVER BELOW BETTY CREEK	08DA005	36
BRADLEY CREEK NEAR FOREST GROVE	08LA032	37
BRIDGE CREEK AT OUTLET OF HORSE LAKE	08LA020	37
BRIDGE CREEK NEAR 100 MILE HOUSE	08LA005	38
BRIDGE RIVER (SOUTH BRANCH) BELOW BRIDGE GLACIER	08ME023	38
BROUSE CREEK ABOVE DIVERSIONS	08NE021	39
BUCK CREEK AT THE MOUTH	08EE013	39
BULKLEY RIVER AT QUICK	08EE004	40
BULKLEY RIVER NEAR HOUSTON	08EE003	40
BULL CREEK NEAR CRUMP	08NM133	41
BULL RIVER NEAR WARDNER	08NG062	41
BULMAN CREEK AT THE MOUTH	08NM145	42
BURRELL CREEK ABOVE GLOUCESTER CREEK	08NN023	42
CABIN CREEK NEAR THE MOUTH	08NP004	43
CADDEN CREEK ABOVE DIVERSIONS	08NJ184	43
CAMP CREEK AT MOUTH NEAR THIRSK	08NM134	44
CAMP RUN CREEK NEAR CANYON	08NM008	44
CANOE RIVER BELOW KIMMEL CREEK	08NC004	45
CANYON CREEK NEAR SMITHERS	08EE014	45
CAPILANO RIVER ABOVE INTAKE	08GA010	46
CARIBOO RIVER BELOW KANGAROO CREEK	08KH003	46
CARNATION CREEK AT 150 m CONTOUR	08HB089	47
CARNATION CREEK AT THE MOUTH	08HB048	47
CARNEY CREEK BELOW PANBRUN CREEK	08NM131	48
CAVEN CREEK BELOW BLOOM CREEK	08NE078	48
CAYOOSH CREEK NEAR LILLOOET	08ME002	49
CHAPMAN CREEK ABOVE SECHELT DIVERSION	08GA059	49
CHEAKAMUS RIVER ABOVE MILLAR CREEK	08GA072	50
CHEAKAMUS RIVER NEAR BRACKENDALE	08GA043	50
CHEHALIS RIVER BELOW STATLU CREEK	08MG023	51
CHEMAINUS RIVER NEAR WESTHOLME	08HA001	51
CHERRY CREEK BELOW PENDLETON CREEK	08LF088	52
CHERRY CREEK NEAR CHERRYVILLE	08LC049	52
CHESLATTA LAKE AT WEST END	08JA013	53
CHILCOTIN RIVER BELOW BIG CREEK	08MD006	53
CHILKO RIVER AT OUTLET OF CHILKO LAKE	08MA002	54
CHILKO RIVER NEAR REDSTONE	08MA001	54
CHILLIWACK RIVER ABOVE SLESSE CREEK	08MH103	55
CHILLIWACK RIVER AT OUTLET OF CHILLIWACK LAKE	08MH016	55
CHILLIWACK RIVER AT VEDDER CROSSING	08MH001	56
CHUCHINKA CREEK NEAR THE MOUTH	07EE009	56
CLAYTON FALLS CREEK NEAR THE MOUTH	08FB008	57
CLEARWATER LAKE NEAR CLEARWATER STATION	08LA012	57
CLEARWATER RIVER AT OUTLET OF CLEARWATER LAKE	08LA007	58
CLEARWATER RIVER AT OUTLET OF HOBSON LAKE	08LA013	58
CLEARWATER RIVER NEAR CLEARWATER STATION	08LA001	58
COAL RIVER AT THE MOUTH	10BC001	59

NAME	STATION NO.	PAGE
COLDSTREAM CREEK ABOVE MUNICIPAL INTAKE	08NN142	60
COLDWATER RIVER AT MERRITT	08LG010	60
COLDWATER RIVER NEAR BROOKMERE	08LG048	61
COLQUITZ RIVER AT VIOLET AVENUE	08HA047	61
COLUMBIA RIVER ABOVE NAGLE CREEK	08ND007	62
COLUMBIA RIVER ABOVE STEAMBOAT RAPIDS	08ND011	62
COLUMBIA RIVER AT ATHALMER	08NA004	63
COLUMBIA RIVER AT BIRCHBANK	08NE048	63
COLUMBIA RIVER AT CASTLEGAR	08NE002	64
COLUMBIA RIVER AT DONALD	08NB005	64
COLUMBIA RIVER AT HUGH KEENLEYSIDE DAM TAILRACE	08NE105	65
COLUMBIA RIVER AT INTERNATIONAL BOUNDARY	08NE054	65
COLUMBIA RIVER AT NICHOLSON	08NA002	66
COLUMBIA RIVER AT REVELSTOKE	08ND002	66
COLUMBIA RIVER NEAR FAIRMONT HOT SPRINGS	08NA045	67
CONNAUGHT CREEK ABOVE DIVERSION	08NB018	67
COQUIHALLA RIVER BELOW NEEDLE CREEK	08MF062	68
COQUIHALLA RIVER NEAR HOPE	08MF003	68
COQUITLAM RIVER ABOVE COQUITLAM LAKE	08MH141	69
COQUITLAM RIVER AT PORT COQUITLAM	08MH002	69
CORNING CREEK NEAR SOUILAX	08LE077	70
COTTONWOOD RIVER ABOVE BASS CREEK	10AC005	70
COTTONWOOD RIVER NEAR CINEMA	08KE005	71
COULDREY CREEK IN LOT 9380	08MF002	71
COWICHAN LAKE NEAR LAKE COWICHAN	08HA005	72
COWICHAN RIVER AT LAKE COWICHAN	08HA002	72
COWICHAN RIVER NEAR DUNCAN	08HA011	73
CRANBERRY CREEK ABOVE B.C. HYDRO INTAKE	08NE123	73
CRISS CREEK NEAR SAVONA	08LF007	74
CRUICKSHANK RIVER NEAR THE MOUTH	08MB074	74
CUSHEON CREEK AT OUTLET OF CUSHEON LAKE	08HA025	75
CUSHEON LAKE NEAR GANGES	08HA038	75
DAVES CREEK NEAR RUTLAND	08NM137	76
DAWSON CREEK ABOVE SOUTH DAWSON CREEK	07FD015	76
DEADMAN RIVER ABOVE CRISS CREEK	08LF027	77
DEAN RIVER BELOW TANSWANKET CREEK	08FE003	77
DEASE LAKE NEAR TELEGRAPH CREEK	10AC001	78
DEASE RIVER AT MCDAME	10AC002	78
DEASE RIVER AT OUTLET OF DEASE LAKE	10AC003	79
DEER CREEK AT DEER PARK	08NE057	79
DEFIANCE CREEK NEAR PORT RENFREW	08HA040	80
DICKEBUSCH CREEK NEAR THE MOUTH	07FB004	80
DORE RIVER NEAR MCBRIDE	08KA001	81
DOWNES CREEK NEAR CLEARBROOK	08MH145	81
DOWNIE CREEK NEAR REVELSTOKE	08ND001	82
DRIFTWOOD RIVER ABOVE KASTBERG CREEK	08JD001	82
DUCK CREEK NEAR WYNNDEL	08NN016	83
DUCK LAKE NEAR SIRDAR	08NM107	83
DUMONT CREEK NEAR WINLAW	08NJ155	84
DUNCAN RESERVOIR AT DUNCAN DAM	08NM127	84
DUNCAN RIVER BELOW B.B. CREEK	08NM118	85
DUNCAN RIVER BELOW LARDEAU RIVER	08NM116	85
DUTEAU CREEK NEAR LAVINGTON	08LC008	86
EAGLE RIVER NEAR MALAKWA	08LE024	86
ELAND RIVER NEAR THE MOUTH	08GA071	87
ELK RIVER AT FERNIE	08NK002	87
ELK RIVER AT PHILLIPS BRIDGE	08NK005	88
ELK RIVER BELOW WEARY CREEK	08NK027	88
ELK RIVER NEAR NATAL	08NK016	89
ELLIOTT CREEK ABOVE DIVERSIONS	08NJ165	89
ENGLISHMAN RIVER NEAR PARKSVILLE	08HB002	90
EWER CREEK NEAR THE MOUTH	08NM178	90
EXCHAMSIKS RIVER NEAR TERRACE	08EG012	91
FALLS CREEK ABOVE B.J.D DIVERSION	08NJ183	91
FANTAIL LAKE NEAR ATLIN	09AA018	92
FANTAIL RIVER AT OUTLET OF FANTAIL LAKE	09AA014	92
FAWN CREEK NEAR ALBERNI	08HB072	93
FELL CREEK NEAR NELSON	08NJ128	93
FINLAY RIVER ABOVE AKIE RIVER	07EA005	94
FINLAY RIVER AT WARE	07EA001	94
FISHER CREEK AT WEST BOUNDARY D.L. 3599	08LD009	95
FISHTRAP CREEK NEAR MCLURE	08LB024	95
FIVE MILE CREEK ABOVE CITY INTAKE	08NJ168	96
FLATBED CREEK AT KILOMETRE 110 HERITAGE HIGHWAY	07FB009	96
FLATHEAD RIVER AT FLATHEAD	08NP001	97
FORD LAKE ON SALTSPRING ISLAND	08HA049	97
FORDING RIVER AT THE MOUTH	08NK018	98
FORDING RIVER BELOW CLODE CREEK	08NK021	98
FORREST KERR CREEK ABOVE 450 m CONTOUR	08CE006	99
FORT NELSON RIVER ABOVE MUSKWA RIVER	10CC002	99
FORTUNE CREEK NEAR ARMSTRONG	08LC035	100
FRANCOIS LAKE AT FRANCOIS LAKE	08JB011	100
FRASER RIVER ABOVE TEXAS CREEK	08MF040	101
FRASER RIVER AT HANSARD	08KA004	101
FRASER RIVER AT HOPE	08MF005	102
FRASER RIVER AT HOPE	08MF005	102
FRASER RIVER AT MCBRIDE	08KA005	103
FRASER RIVER AT MISSION	08MH024	103
FRASER RIVER AT PORT MANN PUMPING STATION	08MH128	104
FRASER RIVER AT QUESNEL	08KE002	104
FRASER RIVER AT RED PASS	08KA007	105
FRASER RIVER AT SHELLEY	08KB001	105
FRASER RIVER AT SOUTH FORT GEORGE	08KE018	106
FRASER RIVER NEAR AGASSIZ	08MF035	106
FRASER RIVER NEAR MARGUERITE	08MC018	107
FRENCH CREEK AT COOMBS	08HB038	107
FROST CREEK NEAR LINDELL BEACH	08MH072	108
FRY CREEK BELOW CARNEY CREEK	08NM120	108
FULFORD CREEK ON SALTSPRING ISLAND	08HA055	109
GASPARD CREEK BELOW OUTLET OF GASPARD LAKE	08MB032	109
GASPARD LAKE ABOVE OUTLET	08MB031	110
GEDDES CREEK AT THE MOUTH	10BE008	110
GLADWIN CREEK ABOVE DIVERSIONS	08LF088	111
GLADYS RIVER AT OUTLET OF GLADYS LAKE	08AE004	111
GLENORA CREEK NEAR DUNCAN	08HA056	112
GOAT RIVER NEAR ERICKSON	08NN004	112
GOATHORN CREEK NEAR TELKWA	08EE008	113
GOLD RIVER ABOVE BACHELOR CREEK	08MB013	113
GOLD RIVER ABOVE PALMER CREEK	08MB014	114
GOLD RIVER BELOW UCONA RIVER	08MC001	114
GOLDSTREAM RIVER BELOW OLD CAMP CREEK	08MB012	115
GRAHAM RIVER ABOVE COLT CREEK	07FA005	115
GRANBY RIVER AT GRAND FORKS	08NN002	116
GRAVE CREEK AT THE MOUTH	08NK019	116
GRAYLING RIVER NEAR THE MOUTH	10BE011	117
GREATA CREEK NEAR THE MOUTH	08NM173	117
GREEN LAKE NEAR 70 MILE HOUSE	08LF075	118

NAME	STATION NO.	PAGE
GREYBACK LAKE AT THE OUTLET	08NM169	118
GRIZZLY SWAMP NEAR HADDO LAKE	08LC047	119
GUICHON CREEK ABOVE TUNKWA LAKE DIVERSION	08LG056	119
GUICHON CREEK AT OUTLET OF HAMIT LAKE	08LG041	120
GUICHON CREEK NEAR LOWER NICOLA	08LG004	120
HADDO LAKE AT THE OUTLET	08LC044	121
HAIRSINE CREEK NEAR THE MOUTH	08MM138	121
HALFWAY RIVER ABOVE GRAHAM RIVER	07FA003	122
HALFWAY RIVER NEAR FARRELL CREEK (LOWER STATION)	07FA001	122
HALFWAY RIVER NEAR FARRELL CREEK (UPPER STATION)	07FA006	123
HARPER CREEK NEAR THE MOUTH	08LB076	123
HARRISON LAKE NEAR HARRISON HOT SPRINGS	08MG012	124
HARRISON RIVER AT HARRISON MILLS	08MG014	124
HARRISON RIVER BELOW MORRIS CREEK	08MG022	125
HARRISON RIVER NEAR HARRISON HOT SPRINGS	08MG013	125
HAT CREEK ABOVE ANDERSON CREEK	08LF092	126
HAT CREEK ABOVE HARRY CREEK	08LF090	126
HAT CREEK NEAR CACHE CREEK	08LF015	127
HAT CREEK NEAR UPPER HAT CREEK	08LF051	127
HEDLEY CREEK NEAR THE MOUTH	08NL050	128
HELLER CREEK ABOVE DIVERSIONS	08LF091	128
HENDRIX CREEK AT OUTLET OF HENDRIX LAKE	08LA024	129
HIDDEN CREEK NEAR THE MOUTH	08NE114	129
HILL CREEK ABOVE SPAWNING CHANNEL	08NE124	130
HIRSCH CREEK NEAR THE MOUTH	08FF002	130
HIUIHILL CREEK ABOVE DIVERSIONS	08LD002	131
HLINA CREEK AT THE MOUTH	08LE105	131
HLINA CREEK BELOW RASMUSSEN CREEK	08LE104	132
HOBSON CREEK BELOW BOIS GRENIER CREEK	08LA018	132
HOBSON LAKE NEAR CLEARWATER STATION	08LA014	133
HOLDEN LAKE NEAR NANAIMO	08HB071	133
HOMATHKO RIVER AT INLET TO TATLAYOKO LAKE	08GD008	134
HOMATHKO RIVER AT THE MOUTH	08GD004	134
HOMATHKO RIVER AT TRAGEDY CANYON	08GD006	135
HOMATHKO RIVER BELOW RUDE CREEK	08GD005	135
HORSE LAKE NEAR 100 MILE HOUSE	08LA017	136
HORSEFLY RIVER ABOVE MCKINLEY CREEK	08KH010	136
HOSMER CREEK ABOVE DIVERSIONS	08NK026	137
HOWELL CREEK ABOVE CABIN CREEK	08NP003	137
HUDSON CREEK NEAR THE MOUTH	08LE107	138
ILLECILLEWAET RIVER AT GREELEY	08ND013	138
INCOMAPPLEUX RIVER NEAR BEATON	08NE001	139
INGENIKA RIVER ABOVE SWANNELL RIVER	07EA004	139
ISKUT RIVER ABOVE FORREST KERR CREEK	08CG007	140
ISKUT RIVER ABOVE SNIPPAKER CREEK	08CG004	140
ISKUT RIVER AT OUTLET OF KINASKAN LAKE	08CG003	141
ISKUT RIVER BELOW JOHNSON RIVER	08CG001	141
JOE RICH CREEK NEAR RUTLAND	08NM129	142
JORDAN RIVER ABOVE KIRKUP CREEK	08ND014	142
JUMP CREEK AT THE MOUTH	08MB041	143
KALAMALKA LAKE AT VERNON PUMPHOUSE	08NM143	143
KAMLOOPS LAKE NEAR KAMLOOPS	08LF085	144
KANAKA CREEK NEAR WEBSTER CORNERS	08MH076	144
KASLO RIVER BELOW KEMP CREEK	08NH005	145
KAZCHEK CREEK NEAR THE MOUTH	08JE005	145
KECHIKA RIVER ABOVE BOYA CREEK	10BB002	146
KECHIKA RIVER AT THE MOUTH	10BB001	146
KEEN CREEK BELOW KYAWATS CREEK	08NM132	147
KELOWNA CREEK NEAR KELOWNA (LOWER STATION)	08NM053	147
KEMANO POWERHOUSE	08FE002	148
KEMANO RIVER ABOVE POWERHOUSE TAILRACE	08FE003	148
KEMP LAKE NEAR SOOKE	08HA052	149
KERKEMEOS CREEK BELOW WILLIS INTAKE	08NL045	149
KETTLE RIVER NEAR FERRY	08NN013	150
KETTLE RIVER NEAR GRAND FORKS	08NN024	150
KETTLE RIVER NEAR LAURIER	08NN012	151
KETTLE RIVER NEAR WESTBRIDGE	08NN026	151
KICKING HORSE RIVER AT GOLDEN	08NA008	152
KINBASKET LAKE AT MICA DAM	08ND017	152
KINBASKET LAKE BELOW ARRETT CREEK	08NB017	153
KIRBYVILLE CREEK NEAR THE MOUTH	08ND015	153
KISKATINAW RIVER NEAR FARMINGTON	07FD001	154
KISPIOX RIVER NEAR HAZELTON	08EB004	154
KITIMAT RIVER BELOW HIRSCH CREEK	08FF001	155
KITSAULT RIVER ABOVE KLAYDUC CREEK	08DB011	155
KITYO CREEK ABOVE DIVERSIONS	08NJ171	156
KLAPPAN RIVER NEAR TELEGRAPH CREEK	08CC001	156
KLINAKLINI RIVER EAST CHANNEL (MAIN) NEAR THE MOUTH	08GE002	157
KLINAKLINI RIVER WEST CHANNEL (OVERFLOW) NEAR THE MOUTH	08GE001	157
KLOIYA RIVER NEAR PRINCE RUPERT	08EC016	158
KNIGHT CREEK ABOVE DIVERSIONS	08LE101	158
KOKSILAH RIVER AT COWICHAN STATION	08HA003	159
KOOTENAI RIVER AT PORTHILL	08NN021	159
KOOTENAI RIVER NEAR COPELAND	08NN031	160
KOOTENAY LAKE AT KUSKONOOK	08NN067	160
KOOTENAY LAKE AT QUEENS BAY	08NN084	161
KOOTENAY LAKE OUTFLOW NEAR CORRA LINN	08NJ158	161
KOOTENAY RIVER ABOVE CORRA LINN	08NJ113	162
KOOTENAY RIVER AT CANAL FLATS	08NF002	162
KOOTENAY RIVER AT FORT STEELE	08NG085	163
KOOTENAY RIVER AT KOOTENAY CROSSING	08NF001	163
KOOTENAY RIVER AT NELSON	08NJ009	164
KOOTENAY RIVER AT NICKS ISLAND	08NM129	164
KOOTENAY RIVER BELOW CORRA LINN	08NJ114	165
KOOTENAY RIVER NEAR SKEBEUMCHUCK	08NE053	165
KOPP CREEK ABOVE MENZ CREEK	08NF067	166
KUSKANAX CREEK AT 1040 m CONTOUR	08NE117	166
KUSKANAX CREEK NEAR NAKUSP	08NE006	167
LAKE KOOCANUSA AT INTERNATIONAL BOUNDARY	08NG079	167
LAMELY CREEK ABOVE TERRACE CREEK	08NM165	168
LANG CREEK NEAR POWELL RIVER	08GB007	168
LARDEAU RIVER AT MARBLEHEAD	08NM007	169
LAVERTIE CREEK NEAR THE MOUTH	08JA015	169
LEE CREEK ABOVE DIVERSIONS	08MD033	170
LEMIEUX CREEK NEAR MOUNT OLIE	08LB042	170
LEMIEUX CREEK NEAR THE MOUTH	08LB078	171
LEMON CREEK ABOVE SOUTH LEMON CREEK	08NJ160	171
LIARD RIVER ABOVE BEAVER RIVER	10BE005	172
LIARD RIVER ABOVE KECHIKA RIVER	10BE006	172
LIARD RIVER AT LOWER CROSSING	10BE001	173
LILLOOET LAKE NEAR PEMBERTON	08ME020	173
LILLOOET RIVER NEAR PEMBERTON	08ME005	174
LIME CREEK NEAR THE MOUTH	08DB010	174
LINDEMAN CREEK NEAR BENNETT	08AA010	175
LINDEMAN LAKE NEAR BENNETT	08AA003	175
LISE CREEK AT THE MOUTH	08NK022	176

INDEX (CONT.)

NAME	STATION NO.	PAGE
LINGFIELD CREEK NEAR THE MOUTH	08MA008	176
LITTLE QUALICUM RIVER AT OUTLET OF CAMERON LAKE	08HB004	177
LITTLE QUALICUM RIVER NEAR QUALICUM BEACH	08HB029	177
LITTLE SHUSWAP LAKE AT CHASE	08LE057	178
LITTLE SWIFT RIVER AT THE MOUTH	08KE024	178
LITTLE WEDEENE RIVER BELOW BOWBYES CREEK	08FF003	179
LOCH KATRINE CREEK AT OUTLET OF GRAYSTOKE LAKE	08MM229	179
LOON CREEK NEAR THE MOUTH	08LF071	180
LOUIS CREEK AT THE MOUTH	08LB072	180
MACIVOR CREEK NEAR THE MOUTH		
MACKAY CREEK AT MONTROYAL BOULEVARD	08JA016	181
MACKAY RIVER AT THE MOUTH	08GA061	181
MACKENZIE CREEK ABOVE FISH AND WILDLIFE DIVERSION	08KH022	182
MAHOOD CREEK NEAR NEWTON	08ME126	182
MAHOOD LAKE NEAR CLEARWATER STATION	08MH018	183
MAHOOD RIVER AT OUTLET OF MAHOOD LAKE	08LA010	183
MAMQUAM RIVER ABOVE MASHIYER CREEK	08LA008	184
MATHER CREEK BELOW HOULE CREEK	08EA054	184
MAXWELL LAKE ON SALTSPRING ISLAND	08NC076	185
MCCOY CREEK NEAR ALBERNI	08HA057	185
MCCOY LAKE NEAR ALBERNI	08HB068	186
MCFAYDEN CREEK NEAR VALLICAN	08HB070	186
MCGREGOR RIVER AT LOWER CANYON	08NJ126	187
MCKALE RIVER NEAR 940 m CONTOUR	08KB003	187
MCKINLEY CREEK BELOW OUTLET OF MCKINLEY LAKE	08KA005	188
MCLENNAN RIVER NEAR THE MOUTH	08KH020	188
MCLEOD RIVER AT OUTLET OF CARP LAKE	08KA011	189
MEDICINE CREEK DIVERSION NEAR ASHCROFT	07EE011	189
MEDICINE CREEK NEAR THE MOUTH	08LF083	190
MERCANTILE CREEK NEAR UCLUELET	08LF082	190
MESILINKA RIVER ABOVE GOPHERHOLE CREEK	08HB084	191
MICHEL CREEK BELOW NATAL	07EC003	191
MILLAR CREEK NEAR OUTLET OF ALPHA LAKE	08NK020	192
MILLER CREEK AT HIGHWAY NO. 93	08EA067	192
MILLER CREEK NEAR 1180 m CONTOUR	08NG082	193
MISSION CREEK NEAR EAST KELOWNA	08NG083	193
MOBERLY RIVER NEAR FORT ST. JOHN	08NM118	194
MOFFAT CREEK NEAR MORSEFLY	07FB008	194
MONTE CREEK ABOVE MONTE LAKE DIVERSION	08KM018	195
MOODY CREEK NEAR CHRISTINA	08LE103	195
MOON CREEK ABOVE DIVERSIONS	08NM021	196
MOOSE RIVER NEAR RED PASS	08ME024	196
MORE CREEK NEAR THE MOUTH	08KA008	197
MORICE RIVER NEAR HOUSTON	08CC005	197
MOSLEY CREEK NEAR DUMBELL LAKE	08ED002	198
MOYIE RIVER ABOVE NEGRO CREEK	08ED007	198
MOYIE RIVER AT EASTPORT	08NM120	199
MULLER CREEK NEAR THE MOUTH	08NH008	199
MURRAY CREEK AT 216 STREET, LANGLEY	08KE006	200
MURRAY RIVER ABOVE WOLVERINE RIVER	08MH128	200
MURRAY RIVER NEAR THE MOUTH	07FB006	201
MURTLE RIVER ABOVE DAWSON FALLS	07FB002	201
MUSKEG RIVER NORTH OF JOANNE LAKE	08LA004	202
MUSKWA RIVER NEAR FORT NELSON	08KC003	202
	10CD001	203
NADINA LAKE NEAR NORALEE		
NADINA RIVER AT OUTLET OF NADINA LAKE	08JB007	203
NAHATLATCH RIVER BELOW TACHEWANA CREEK	08JB008	204
NANAIMO LAKES NEAR PORT ALBERNI	08MF065	204
NANAIMO RIVER NEAR CASSIDY	08HB050	205
NANIKA RIVER AT OUTLET OF KIDPRICE LAKE	08HB034	205
NASS RIVER ABOVE SHUMAL CREEK	08ED001	206
NATION RIVER NEAR FORT ST. JAMES	08DB001	206
NATION RIVER NEAR THE MOUTH	07EE001	207
NAUTLEY RIVER NEAR FORT FRASER	07EE003	207
NAZKO RIVER ABOVE MICHELLE CREEK	08JB003	208
NECHAKO RIVER AT ISLE PIERRE	08KF001	208
NECHAKO RIVER AT VANDERHOOF	08JC002	209
NECHAKO RIVER BELOW CHESLATTA FALLS	08JC001	209
NICOLA LAKE NEAR NICOLA	08JA017	210
NICOLA RIVER ABOVE NICOLA LAKE	08LG046	210
NICOLA RIVER AT OUTLET OF NICOLA LAKE	08LG049	211
NICOLA RIVER NEAR MERRITT	08LG065	211
NICOLA RIVER NEAR SPENCES BRIDGE	08LG007	212
NICOMEKL RIVER BELOW MURRAY CREEK	08LG006	212
NIG CREEK NEAR NIG STATION	08NM105	213
NILE CREEK NEAR BOWSER	07FC007	213
NOONS CREEK AT MERIDIAN SUBSTATION ROAD	08HB022	214
NORRISH CREEK NEAR DEWDNEY	08GA065	214
NORTH ALOUETTE RIVER AT 232ND STREET, MAPLE RIDGE	08MH058	215
NORTH THOMPSON RIVER AT BIRCH ISLAND	08MH005	215
NORTH THOMPSON RIVER AT MCLURE	08LB047	216
NUSATSUM RIVER NEAR NAGENSBORG	08LB064	216
	08FE005	217
OKANAGAN LAKE AT KELOWNA		
OKANAGAN RIVER AT OKANAGAN FALLS	08NM083	217
OKANAGAN RIVER AT PENTICTON	08NM002	218
OKANAGAN RIVER NEAR OLIVER	08NM050	218
OKANOGAN RIVER AT BRIDGE STREET AT OROVILLE	08NM085	219
OKANOGAN RIVER AT OROVILLE	08NM131	219
OKANOGAN RIVER AT ZOSEL MILLPOND AT OROVILLE	08NM127	220
OMINECA RIVER ABOVE OSILINKA RIVER	08NM132	220
OSILINKA RIVER NEAR END LAKE	07EC002	221
OSOYOOS LAKE NEAR OROVILLE	07EC004	221
OSOYOOS LAKE NEAR OSOYOOS	08NM073	222
OSPIKA RIVER ABOVE ALEY CREEK	08NM113	222
OTTER CREEK AT TULAMEEN	07EB002	223
OTTER LAKE NEAR TULAMEEN	08NL023	223
OWIKENO LAKE AT RIVERS INLET	08NL059	224
OYAMA CREEK ABOVE WOOD LAKE IRRIGATION INTAKE	08FA007	224
OYAMA LAKE AT THE OUTLET	08NM048	225
OYSTER RIVER BELOW WOODHUS CREEK	08NM224	225
	08ND011	226
PACK RIVER AT OUTLET OF MCLEOD LAKE	07EE010	226
PALLANT CREEK NEAR QUEEN CHARLOTTE	08BB002	227
PALLISER RIVER IN LOT 5149	08NF006	227
PARSNIP RIVER ABOVE MISINCHINKA RIVER	07EE007	228
PASAYTEN RIVER ABOVE CALCITE CREEK	08NL069	228
PAUL CREEK AT THE OUTLET OF PINANTAN LAKE	08LB012	229
PAVILION CREEK ABOVE DIVERSIONS	08ND028	229
PEACE RIVER ABOVE ALCES RIVER	07FB010	230
PEACE RIVER ABOVE PINE RIVER	07FA004	230
PEACE RIVER AT HUDSON HOPE	07EF001	231
PEACE RIVER NEAR TAYLOR	07FB002	231
PEACHLAND LAKE NEAR PEACHLAND	08NM230	232
PEARSON CREEK NEAR THE MOUTH	08NM172	232
PEND D'OREILLE RIVER BELOW INTERNATIONAL BOUNDARY	08NE118	233
PEND OREILLE RIVER AT INTERNATIONAL BOUNDARY	08NE010	233
PENNASK CREEK NEAR QUILCHENA	08LB018	234
PENTICTON CREEK ABOVE DENNIS CREEK	08NM168	234

NAME	STATION NO.	PAGE
PETERSON CREEK ABOVE JACKO CREEK		
PINE RIVER AT EAST PINE	08LE102	235
PINKUT CREEK NEAR TINTAGEL	07FB001	235
PITMAN RIVER NEAR THE MOUTH	08EC004	236
PLACE CREEK NEAR BIRKEN	08CA003	236
POUCE COUPE RIVER BELOW HENDERSON CREEK	08ME019	237
POWERS CREEK BELOW WESTBANK DIVERSION	07FD007	237
PREMIER CREEK NEAR QUEEN CHARLOTTE	08NM059	238
PROSPECT LAKE IN SAANICH	08DA003	238
PUNTLEDGE RIVER AT COURTENAY	08HA053	239
	08NB006	239
QUALITY CREEK NEAR THE MOUTH		
QUAMICHAN LAKE NEAR DUNCAN	07FB005	240
QUARANTINE LAKE NEAR METCHOSIN	08HA020	240
QUESNEL LAKE NEAR LIKELY	08HA041	241
QUESNEL RIVER AT LIKELY	08KH011	241
QUESNEL RIVER NEAR QUESNEL	08KH031	242
QUINSAM RIVER NEAR CAMPBELL RIVER	08KH008	242
	08ND005	243
RABBIT RIVER NEAR THE MOUTH		
RASPBERRY CREEK NEAR THE MOUTH	10BE012	243
RATCHFORD CREEK AT 600 m CONTOUR	10CD003	244
REDFISH CREEK NEAR HARROP	08LE086	244
RICHMOND LANDFILL OUTFALL	08NJ061	245
ROBERTS CREEK AT ROBERTS CREEK	08MH146	245
ROBERTSON CREEK NEAR THE MOUTH	08GA047	246
ROCK CREEK NEAR ROCK CREEK	08LF093	246
RDE LAKE ON PENDER ISLAND	08KN007	247
ROSS RESERVOIR NEAR NEWHALEM	08HA058	247
RUSTY CREEK NEAR THE MOUTH	08PA009	248
	08ND030	248
SALLOOMT RIVER NEAR HAGENSBORG		
SALMO RIVER NEAR SALMO	08FB004	249
SALMON RIVER ABOVE CAMPBELL LAKE DIVERSION	08NE074	249
SALMON RIVER ABOVE MEMEKAY RIVER	08ND015	250
SALMON RIVER ABOVE SALMON LAKE	08ND007	250
SALMON RIVER AT 72 AVENUE, LANGLEY	08LE075	251
SALMON RIVER AT FALKLAND	08MH090	251
SALMON RIVER NEAR PRINCE GEORGE	08LE020	252
SALMON RIVER NEAR SALMON ARM	08KC001	252
SALMON RIVER NEAR SAYWARD	08LE021	253
SALT LAKE CREEK ABOVE NICOLA LAKE	08ND005	253
SAN JUAN RIVER NEAR PORT RENFREW	08LG063	254
SANDY CREEK ABOVE RELKOFF DIVERSION	08HA010	254
SARITA RIVER NEAR BAMFIELD	08NJ167	255
SCOTTIE CREEK ABOVE CHROME CREEK	08NB016	255
SENTINEL CREEK ABOVE GARIBALDI LAKE	08LF088	256
SETON RIVER NEAR LILLOOET	08GA056	256
SEYMOUR RIVER NEAR NORTH VANCOUVER	08ME003	257
SEYMOUR RIVER NEAR SEYMOUR ARM	08GA030	257
SHARP CREEK ON MEARES ISLAND	08LE027	258
SHATFORD CREEK NEAR PENTICTON	08MC003	258
SHAWNIGAN CREEK NEAR MILL BAY	08NM027	259
SHAWNIGAN LAKE OPPOSITE MEMORY ISLAND	08HA033	259
SHUSWAP LAKE AT SALMON ARM	08HA032	260
SHUSWAP RIVER NEAR ENDERBY	08LE070	260
SIKANNI CHIEF RIVER NEAR FORT NELSON	08LC002	261
SILVERDALE CREEK NEAR MISSION	10CB001	261
SIMILKAMEEN RIVER ABOVE GOODFELLOW CREEK	08MH091	262
SIMILKAMEEN RIVER AT PRINCETON	08NL070	262
SIMILKAMEEN RIVER NEAR HEDLEY	08NL007	263
SIMILKAMEEN RIVER NEAR NIGHTHAWK	08NL038	263
SIMPSON CREEK AT THE MOUTH	08NL022	264
SKAGIT RIVER AT INTERNATIONAL BOUNDARY	08EE012	264
SKANA LAKE AT OKANAGAN FALLS	08PA004	265
SKEENA RIVER ABOVE BABINE RIVER	08NM084	265
SKEENA RIVER AT GLEN VOWELL	08EB005	266
SKEENA RIVER AT USK	08EB003	266
SKINS LAKE SPILLWAY, NECHAKO RESERVOIR	08EF001	267
SKOOKUMCHUCK CREEK NEAR SKOOKUMCHUCK	08JA013	267
SLESSE CREEK NEAR VEDDER CROSSING	08NG051	268
SLOCAN RIVER NEAR CRESCENT VALLEY	08MH056	268
SMITH CREEK NEAR HEDLEY	08NJ013	269
SMITH RIVER ABOVE SMITH FALLS	08NL034	269
SMOKY CREEK ABOVE DIVERSIONS	10BE013	270
SOMASS RIVER NEAR ALBERNI	08NJ162	270
SOMENOS LAKE NEAR DUNCAN	08NB017	271
SOUTH DAWSON CREEK AT THE MOUTH	08HA013	271
SOUTH PASS CREEK AT THE MOUTH	07FD018	272
SOUTH THOMPSON RIVER AT CHASE	08LE106	272
SPAHATS CREEK NEAR THE MOUTH	08LE031	273
SPANOMIN CREEK NEAR THE MOUTH	08LA021	273
SPATSIZI RIVER NEAR THE MOUTH	08LG060	274
SPILLIMACHEEN RIVER NEAR SPILLIMACHEEN	08CA001	274
SPIUS CREEK NEAR CANFORD	08HA011	275
SPLIT CREEK AT THE MOUTH	08LG008	275
SPROAT LAKE NEAR ALBERNI	08NB016	276
SPROAT RIVER NEAR ALBERNI	08NB015	276
SQUAMISH RIVER NEAR BRACKENDALE	08NB008	277
ST. MARY RIVER AT WYCLIFFE	08GA022	277
ST. MARY RIVER BELOW MORRIS CREEK	08NG012	278
ST. MARY RIVER NEAR MARYSVILLE	08NG077	278
ST.MARY LAKE AT THE PUMPHOUSE	08NG048	279
STAMP RIVER NEAR GREAT CENTRAL	08HA044	279
STAVE RIVER ABOVE STAVE LAKE	08NB009	280
STAWAMUS RIVER BELOW RAY CREEK	08MH147	280
STELLAKO RIVER AT CLEARWATER	08GA064	281
STIKINE RIVER ABOVE BUTTERFLY CREEK	08JB002	281
STIKINE RIVER ABOVE GRAND CANYON	08CF001	282
STIKINE RIVER AT TELEGRAPH CREEK	08CB001	282
STIKINE RIVER BELOW SPATSIZI RIVER	08CE001	283
STITT CREEK AT THE MOUTH	08CA002	283
STONY CREEK AT STONY CREEK	08ND018	284
STOWELL LAKE ON SALTSPRING ISLAND	08JC013	284
STUART LAKE NEAR FORT ST. JAMES	08HA060	285
STUART RIVER NEAR FORT ST. JAMES	08JE003	285
STUMBLES CREEK NEAR LOWER NICOLA	08JE001	286
SUGAR LAKE RESERVOIR AT THE OUTLET	08LG019	286
SUGSAW LAKE NEAR BAMFIELD	08LC041	287
SUKUNKA RIVER ABOVE CHAMBERLAIN CREEK	08NB076	287
SUKUNKA RIVER NEAR THE MOUTH	07FB007	288
SULLIVAN CREEK NEAR CANYON	07FB003	288
SUMAS RIVER NEAR HUNTINGDON	08NK115	289
SURPRISE CREEK NEAR THE MOUTH	08MH029	289
SWALWELL LAKE NEAR OKANAGAN CENTRE	08DA005	290
SWIFT RIVER NEAR SWIFT RIVER	08NM062	290
	08AE003	291
TABOR CREEK ABOVE SWEDE CREEK		
TAKU RIVER NEAR TULSEQUAH	08KE032	291
TAPPEN CREEK AT THE SOURCE	08BB001	292
TAPPEN CREEK NEAR TAPPEN	08LE087	292
	08LE041	293

INDEX (CONT.)

NAME	STATION NO.	PAGE
TASEKO RIVER AT OUTLET OF TASEKO LAKES	08NA003	283
TEETER CREEK NEAR THE MOUTH	10BE009	284
TEETZEL CREEK ABOVE DIVERSIONS	08NH137	284
TELKWA RIVER BELOW TSAI CREEK	08EE020	285
TERRACE CREEK NEAR KELOWNA	08NM138	285
TESTALINDEN CREEK IN CANYON	08NM184	286
THEODOSIA RIVER NEAR BLISS LANDING	08GC004	286
THIRSK LAKE NEAR THE OUTLET	08NM238	287
THOMPSON RIVER AT KAMLOOPS	08LF023	287
THOMPSON RIVER NEAR SPENCES BRIDGE	08LF051	288
TOAD RIVER ABOVE NONDA CREEK	10BE004	288
TOAD RIVER NEAR THE MOUTH	10BE010	289
TOBY CREEK NEAR ATHALMER	08NA012	289
TOD CREEK BELOW PROSPECT LAKE	08NA054	300
TRAIL CREEK AT FRENCH STREET,TRAIL	08NE118	300
TRAPPING CREEK NEAR THE MOUTH	08NN019	301
TREPANIER CREEK NEAR PEACHLAND	08NM041	301
TRINITY CREEK ABOVE DIVERSION	08LC048	302
TROUT RIVER AT KILOMETRE 783.7 ALASKA HIGHWAY	10BE007	302
TSABLE RIVER NEAR FANNY BAY	08NB024	303
TSILCOH RIVER NEAR THE MOUTH	08JE004	303
TSITIKA RIVER BELOW CATHERINE CREEK	08HF004	304
TSOLUM RIVER NEAR COURTENAY	08NB011	304
TULAMEEN RIVER AT PRINCETON	08NL024	305
TULAMEEN RIVER BELOW VUICH CREEK	08NL071	305
TURNAGAIN RIVER ABOVE SANDPILE CREEK	10BA001	306
TUTSHI RIVER AT OUTLET OF TUTSHI LAKE	09AA013	306
TUYA RIVER NEAR TELEGRAPH CREEK	08CD001	307
TWENTYONE MILE CREEK AT 670 m CONTOUR	08MG021	307
TWO FORTY CREEK NEAR PENTICTON	08NM240	308
TWO FORTY-ONE CREEK NEAR PENTICTON	08NM241	308
TWO MILE CREEK IN DISTRICT LOT 4834	08EE025	309
TYHEE CREEK AT OUTLET OF TYHEE LAKE	08EE027	309
TYHEE LAKE NEAR TELKWA	08EE028	310
UNNAMED CREEK AT 114 AVENUE, WHALLEY	08NM134	310
UNUK RIVER NEAR STEWART	08DD001	311
VAN TINE CREEK NEAR THE MOUTH	08JA014	311
VANCE CREEK BELOW DEAFIES CREEK	08LC040	312
VASEUX CREEK ABOVE SOLCO CREEK	08NM171	212
VEDDER RIVER NEAR YARROW	08MH047	313
VERNON CREEK AT INLET TO WOOD LAKE	08NM009	313
VERNON CREEK AT OUTLET OF KALAMALKA LAKE	08NM085	314
VERNON CREEK AT OUTLET OF SWALWELL LAKE	08NM022	314
WANN RIVER NEAR ATLIN	09AA015	315
WAHNOCK RIVER AT OUTLET OF OWIKENO LAKE	08FA002	315
WEST CREEK NEAR FORT LANGLEY	08MH098	316
WEST KETTLE RIVER AT WESTBRIDGE	08NN003	316
WEST KETTLE RIVER BELOW CANNI CREEK	08NN022	317
WEST KETTLE RIVER NEAR MCCULLOCH	08NN015	317
WEST ROAD RIVER NEAR CINEMA	08KG001	318
WESTON LAKE ON SALTSPRING ISLAND	08HA051	318
WHIPSAW CREEK BELOW LAMONT CREEK	08NL036	319
WHITEMAN CREEK ABOVE BOULEAU CREEK	08NM174	319
WILLIAMS LAKE NEAR WILLIAMS LAKE	08MC023	320
WILLIAMS LAKE RIVER AT OUTLET OF WILLIAMS LAKE	08MC005	320
WILLISTON LAKE AT INGENIKA POINT	07EA005	321
WILLISTON LAKE AT LOST CABIN CREEK	07EF002	321
WILLISTON LAKE AT NATION ARM	07ED002	322
WILLISTON LAKE NEAR SCHOOLER CREEK	07EF003	322
WILLOW RIVER ABOVE HAY CREEK	08KD005	323
WITCHES BROOK NEAR MERRITT	08LG009	323
YAKOUN RIVER NEAR PORT CLEMENTS	08DA002	324
YALAKOM RIVER ABOVE ORE CREEK	08ME025	324
ZEBALLOS RIVER NEAR ZEBALLOS	08HE006	325
ZYMAGOTITZ RIVER NEAR TERRACE	08EG011	325
ZYMOETZ RIVER ABOVE O.K. CREEK	08EF005	326

POOR

QUALITY

ORIGINAL